Lancaster Farming

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Bruce Betts, left and his father LeRoy pose Bruce's Dorests that won Del. Fair Grand Champion Ram and Ewe over all breeds, as Judge Cheryl Fairbairn looks on.

Joyce and LeRoy Bupp accept Premier Breeder and Exhibitor awards at the York Holstein show from York County Dairy Princess Heidi Von Lange and Alternate Princess Sharon Taylor.

Del. Fair & York Holstein champs crowned

Betts wins twin grands

BY TRISH WILLIAMS

HARRINGTON — The Delaware State Fair was a bustling place Wednesday. With open show competition in dairy, swine and sheep, it seemed almost like a three ring circus to a spectator running between trying to keep up with the champions.

Capturing the Grand Champion Ewe and the Grand Champion Ram over all breeds were two Dorsets exhibited by Bruce Betts of Hickory View Farm in Maston's Corner.

Bruce, a member of the newly formed Delaware Sheep and Wool Producers Association, made quite a showing Wednesday not only in the Dorset breed, but also with his Southdowns. Chester County Livestock Extension Agent Cheryl Fairbairn, served as the official judge for the open sheep show. Fairbairn awarded 14 first places to Betts Dorset and South Down entries.

In FFA livestock judging competition earlier in the week, Betts also did well, placing fifth in the state.

Judge Fairbairn said that considering the small number of sheep in Delaware, the quality of animal being shown was quite good.

Assistant Superintendent of Sheep, John Hukill, said the number of sheep and the quality of

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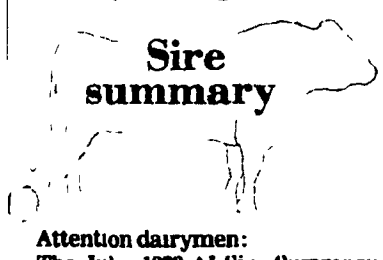

Attention dairymen:

The July, 1983 AI Sire Summary of the USDA-DHIA can be found on pages D14 through 21.

Talking tobacco at Penn State's Southeast Research Farm at Landisville are, from left, Jay Irwin, Lancaster County Extension Director; Sam Smith, Ag College Dean; Obie Snider, ag trustee; Bryce Jordan, new university president; Ag. Sec. Penrose Hallowell; and John Yocum, farm's superintendent.

Taking crash course in Pa. ag

BY DICK ANGLESTEIN

LANDISVILLE — The Ag Advisory Council this week gave new Penn State president, Dr. Bryce Jordan, a crash course in Pennsylvania agriculture.

If the course were in the university's curriculum, it might be listed as Pa. Ag 506, or something like that.

And, more important, the new university head was very receptive to what he was learning about farming in the Commonwealth.

On Tuesday, Council, University and state personnel started Jordan out at one end of Commonwealth farmland in Erie County and ended up nearly at the other end in Lancaster County.

Dr. Jordan commented in all honesty that his previous trips to Pennsylvania had primarily been to Philadelphia and Pittsburgh and he just wasn't aware of the breadth and diversity of agriculture in the state.

He also admitted initially he was a bit surprised at learning it's the state's Number One industry.

Already, it was evident that Ag Dean Dr. Samuel Smith, Ag Secretary Penny Hallowell and others like Penn State ag trustee Obie Snider were doing quite well in their instruction in agricultural

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10 Avian cases diagnosed

LANCASTER — Avian influenza has now been diagnosed in 10 poultry flocks in Lancaster County, primarily in the Manheim area.

The first diagnosis was made in April and the latest confirmed cases were reported mid-July.

While most cases have occurred in the Manheim area, one flock in the Akron area was also affected. An unconfirmed case was being mentioned this week in the Mount Joy area.

The rather rare flu has hit all types of poultry operations, including broilers, layers and starter pullets.

A curious factor in the outbreak is that many of the affected operations are top-notch and practice good management, according to Jay Irwin, county extension director. The original source or carrier of the flu has not been determined.

The virus causing the disease is described as quite fragile and exists for only 14 to 21 days. Thus, the flu is self-limiting and recovery is spontaneous. Also, it does not have lasting effects on either eggs or the poultry meat.

It can be transmitted from flock to flock by humans, dogs, cats or even wild birds.

To control it, Irwin is still recommending the following of the security-sanitation measures developed for the LT outbreak in 1978.

"Our poultry people have been doing an excellent job in practicing the health security measures," he said.

It is believed that the rare Avian flu, which is more common in turkeys, may last have been involved in a large outbreak in the mid-1920's.

Bupps take top honors

BY TRISH WILLIAMS

YORK — Bupplynn Farms of Seven Valleys claimed both the Premier Breeder and Premier Exhibitor awards, Thurdsay at the York County Holstein Show. Leroy and Joyce Bupp excited over their victory said, it was a family effort that helped to win the coveted honors. Their son, Richard, and daughter Patty exhibited their 4-H heifers that added points to the Bupplynn tally.

"Cows are given twice the number of points that heifers are," said Bupp, "so our big point winners were our mature cows. Our dry cows did very well, winning first, second and fourth in the Dry Cow 4-Years and Under class, and first in the Dry Cow 5-Years and Over class."

But the biggest point winner was Bupplynn Topper Capsule, who won first in the 5-Year-Old class, and Best Udder. Capsule is rated excellent at 91, with milk records of 22,900 pounds of milk and 700 pounds of fat.

York County Dairy Princess, Heidi Von Lange, and Alternate Dairy Princess, Sharon Taylor presented the Bupps the prestigious premier awards.

Donald Seipt of Keystone Farm in Easton, served as the judge for the show. Seipt is active in the Pennsylvania Holstein Association, and is presently

(Turn to Page A20)

Getting ready for the fair?

The Pennsylvania county and community fair schedule is on page D10.

Livestock market and auction news

Lancaster Market

Monday, July 25
Report Supplied By USDA

	Cattle	Calves	Hogs	Sheep
Today	1777	178	1211	483
Last Monday	1540	117	1074	485
Last Year	1227	143	693	352
Monday's Auction	1770	216	1170	570
Last Monday's Auction	1519	178	1015	538

CATTLE: Compared to last Wednesday's light test slaughter steers steady, or compared to last Monday slaughter steers and heifers 1.00-2.00 lower; cows 2.00 lower; bulls steady to mostly 2.00 lower. Supply included 67% slaughter steers, 12% heifers, 8% cows, and 13% bulls.

SLAUGHTER STEERS: High Choice and Prime 3-4 1220-1480 lb. 62.60-64.85, three head 65.85; Choice 2-4 1050-1525 lb. 60.00-64.10, mostly 62.50-63.75; Good to low Choice 2-3 1050-1500 lb. 57.50-60.00; Holsteins, few Choice 2-3 54.00-57.00; few Good 48.00-49.60.

SLAUGHTER HEIFERS: Choice 1-2 1035-1180 lb. 60.35-61.75; few Choice and Prime 2-4 1000-1070 lb. 58.00-59.10; Choice 2-4 900-1175 lb. 56.00-58.00, 750-950 lb. 53.00-56.00; Good 2-3 800-1050 lb. 50.00-56.00, mostly 54.00-55.00; Heiferettes 46.00-51.50.

COWS: Utility and Commercial 1-3 42.00-44.00, few 45.00-47.00; Cutter 1-2 42.00-43.50; Canner and low Cutter 40.00-42.00; few Shelly Canner 38.00-40.00.

BULLS: Yield grade 1 1000-2100 lb. 50.00-54.25, few 55.50-57.25; yield grade 2 1000-1700 lb. 46.00-50.75.

VEAL CALVES: Vealers 5.00-15.00 higher.

VEALERS: Prime special fed 250-350 lb. 110.00-115.00; Choice few Prime 150-300 lb. 85.00-100.00; Good 150-300 lb. 60.00-85.00, 80-150 lb. 45.00-55.00.

RETURNED TO FARM: 80-150 lb. Holstein bulls 60.00-90.00.

SHEEP: Spring lambs 5.00-10.00 lower; slaughter ewes 2.00-4.00 lower. Supply included about 100 goats, sold by the head.

SPRING LAMBS: High Choice and Prime 70-120 lb. 53.00-60.00; Choice 70-120 lb. 45.00-52.00; few Choice feeder lambs 30-60 lb. 50.00-70.00.

SLAUGHTER EWES: Utility and Good 10.00-20.00.

GOATS: Billies 45.00-55.00; Nannies 25.00-45.00; Kids 15.00-25.00.

LANCASTER COUNTY MARKETS

Vintage Auction

Tuesday, July 26
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1337	974	39	5
Last Tuesday	1500	979	68	1
Last Year	1106	973	28	13

CATTLE: Compared to last Tuesday slaughter steers 50 to mostly 1.00 higher; not enough heifers for an accurate test; cows 2.00-3.00 lower; bulls 1.00-3.00 lower. Supply included 71 percent slaughter steers and 25 percent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1200-1460 lb. 64.10-68.00; high Good and low Choice 1-2 1150-1350 lb. 64.35-68.35; Choice 2-4 1060-1460 lb. 61.50-65.00, mostly 62.00-64.00; average Good to low Choice 2-3 60.00-62.00; low Good 2-3 56.00-60.00; Holsteins, Choice 2-3 1350-1705 lb. 56.10-60.25, Good and Choice 2-3 1100-1350 lb. 50.50-57.10, Good 2-3 46.85-50.00.

SLAUGHTER HEIFERS: Few Choice 2-3 950-1050 lb. 57.25-61.60; few Good to low Choice 2-3 950-1050 lb. 50.25-56.00; few heiferettes 45.00-50.00.

COWS: Utility 1-3 41.50-46.00; Cutter 1-2 38.00-43.00; Canner and low Cutter 35.00-39.25.

BULLS: Yield grade 1 1100-1900 lb. 50.00-54.60, individual 55.00.

VEAL CALVES: Vealers not established as of 10:45 P.M.

SLAUGHTER CALVES: Few Good 90-220 lb. 57.00-68.00, 260-400 lb. 45.00-60.00.

SHEEP: Not enough on hand for a market test.

SLAUGHTER LAMBS: Few Choice 50-85 lb. 46.00-57.00.

SLAUGHTER EWES: Utility and Good 11.00-19.00.

GOATS: Five head 17.00-40.00.

Lancaster Auction

Wednesday, July 27
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	184	35	799	34
Last Wednesday	310	33	503	46
Last Year	205	26	783	2
Wednesday's Auction	235	38	841	4
Last Wednesday's Auction	288	33	495	29

CATTLE: Not enough on offer of any class for a market test, few sales slaughter steers steady. Supply included 77 percent slaughter steers.

SLAUGHTER STEERS: Choice 2-4 1080-1385 lb. 60.00-63.85; Good 2-3 1000-1425 lb. 51.25-60.00, mostly 56.00-59.00; Holsteins, Good and Choice 2-3 51.50-54.00, few 55.50-58.75.

FEEDER STEERS: Several lots Medium and Small Frame No. 1 890-1000 lb. 56.50-59.35.

COWS: Few Utility 1-3 39.75-44.00, two head 47.25-47.75; Cutter 1-2 37.50-41.50; Canner and low Cutter 35.75-37.50.

BULLS: Few yield grade 1 1050-2345 lb. 50.00-54.60; few yield grade 2 1270-2160 lb. 48.00-49.00.

VEAL CALVES: Not enough on offer for a market test.

SHEEP: Not enough on offer for a market test.

New Holland Livestock

Thursday, July 28
Report supplied by USDA

	Today	Wk. Ago	Yr. Ago
Cattle	1588	1923	1710
Calves	635	627	575
Sheep	10	14	51
Goats	23	29	22

CATTLE: Compared to last Thursday Slaughter Steers mostly steady; not enough Heifers for a market test; Cows .50 to mostly 1.00 lower; Bulls steady to 1.00 higher. Supply included 72 percent Steers and 22 percent Cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1500 lbs. 63.00-66.00, few 66.35-67.35; Choice 2-4 1080-1500 lbs. 59.00-64.25, mostly 60.50-63.50; High Good to low Choice 1-2 58.00-61.60; Good 2-3 950-1300 lbs. 52.00-59.75; Holsteins, Good and Choice 2-3 50.00-54.25.

SLAUGHTER HEIFERS: Very few Choice 2-3 900-1000 lbs. 55.35-59.00.

COWS: Utility and Commercial 1-3 38.50-43.75, mostly 40.00-42.50, few 44.25-46.25; Cutter 1-2 37.25-41.50; Canner and Low Cutter 35.50-38.75, few 33.00-35.00.

BULLS: Yield grade 1 1000-2535 lb. 51.00-55.50, few 56.25-59.25, individual 1835 lb. 60.25; Yield grade 2 990-1500 lb. 46.75-51.75.

VEAL CALVES: Vealers generally steady to 5.00 lower.

VEALERS: Choice 90-140 lb. 61.00-95.00, 150-350 lbs. 70.00-90.00; Good and Choice 70-120 lb. 38.00-58.00, 150-350 lb. 43.00-59.00.

RETURNED TO FARM: Bulk 95-120 lb. Holstein Bulls 65.00-80.00.

SHEEP: Not enough on hand for a market test.

LAMBS: Few Good 50-80 lbs. 40.00-50.00.

SLAUGHTER EWES: Few Cull 6.00-10.00.

GOATS: No Test.

Lancaster Co. Weekly

Friday, July 29
Report supplied by USDA

	Cattle	Calves
This Week	5600	1850
Last Week	5945	1768
Last Year	4514	1717

CATTLE: Slaughter Steers and Heifers steady to .50 higher, despite declines posted in carcass beef trading; Cows steady to 2.00 lower; Bulls generally steady. Supply included 62 percent Slaughter Steers, 5 percent Heifers, 15 percent Cows, 6 percent Bulls and the balance Feeders.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1500 lbs. 62.60-68.00, mostly 64.00-66.00; Choice 1-2 1150-1350 lbs. 64.35-68.35; Choice 2-4 1050-1500 lbs. 59.00-65.00, mostly 62.00-64.00; high Good to low Choice 2-3 58.00-61.60; Good 2-3 56.00-60.00; Hoslteins, Choice 2-3 56.00-60.25, Good to low Choice 2-3 50.00-57.00, Good 2-3 46.85-50.00.

SLAUGHTER HEIFERS: Choice 1-2 1035-1180 lbs. 60.35-61.76; few Choice and Prime 2-4 1000-1070 lbs. 58.00-59.10; Choice 2-4 900-1175 lbs. 56.00-58.00, 750-950 lb. 53.00-56.00; Good 2-3 800-1050 lbs. 50.00-56.00, mostly 54.00-55.00; Heiferettes 46.00-51.50.

COWS: Utility and Commercial 1-3 40.00-46.00, mostly 42.00-44.00; Cutter 1-2 38.00-43.00; Canner and low Cutter mostly 35.00-39.00.

BULLS: Yield Grade 1 1000-2 lbs. 51.00-55.50, few 56.25-59. yield grade 2 990-1700 lbs. 46. 51.75.

VEAL CALVES: Vealers 10. 15.00 higher.

VEALERS: Prime special f 250-350 lbs. 110.00-115.00; Choi 150-350 lbs. 80.00-100.00; Good 1 350 lbs. 40.00-85.00, 70-150 lbs. 38. 58.00.

RETURNED TO FARM: Bu 90-120 lb. Holstein Bulls 65.00-80.0

Weekly Summary

Friday, July 29
Report supplied by PDA

Markets 16.

CATTLE: 7383. Compared wi 7775 head last week, and 7224 he a year ago. Compared with la week's market: Slaughter stee uneven, Choice & Prime steady strong, Standard & Good steady 2.00 lower; Sl. heifers 1 lower; Sl. cows .50-2.00 lower; S bulls 1.50-2.00 lower. Sl. steers High Choice & Prime 62.50-67.0 Choice 59.00-64.50; Good 53.0 60.00; Standard 48.00-55.00. S heifers: Choice 56.00-61.75; Goo 50.00-56.00; Standard 45.00-52.0 Sl. cows: Utility & Commerci 39.50-44.00; Cutters 37.50-41.5 Canner & L. Cutter 31.00-38.5 Shells down to 24.00. Sl. bullock Good 53.00-57.00; (few) Standar 47.00-53.00. Sl. bulls: Yield Grad No. 1, 1200-2200 lbs. 48.00-55.5 Yield Grade No. 2, 900-1300 lb 40.00-49.00.

FEEDER CATTLE: Steer Medium Frame No. 1, 350-750 lb 48.00-58.00. Heifers, Mediu Frame No. 1, 365-700 lbs. 47.0 58.00. Bulls, Medium Frame No. 350-725 lbs. 46.00-57.00.

CALVES: 4620. Compared wi 4525 head last week and 4404 head year ago. Vealers grading Choice weak to 4.00 lower; Stan dard & low Good steady. Choic 70.00-85.00, few to 95.00; Good 55.0 71.00; Standard & Good 90-110 lb 45.00-58.00; 70-90 lbs. 37.00-51.0 Utility 50-100 lbs. 25.00-40.00.

FARM CALVES: Hol. Bulls 9 130 lbs. 55.00-85.00; Hol. Heifers 9 140 lbs. 51.00-80.00.

HOGS: 7375. Compared with 69 head last week and 6005 head year ago. Barrows and gilts steady to .50 lower. US No. 1-2 210-240 lbs 46.00-49.00; No. 1-3 200-255 lbs. 44.50 47.50; No. 2-3 240-280 lbs. 41.25 45.00; (few) No. 1-3 160-190 lbs 39.00-43.25; Sows 1.00-2.00 lower US No. 1-3 300-600 lbs. 29.00-34.00 Boars 24.50-30.50.

FEEDER PIGS: 1589. Com pared with 1491 head last week and 1445 a year ago. Feeder pigs uneven. US No. 1-3 20-35 lbs. 10.00 25.00 per head; No. 1-3 35-50 lbs 20.00-34.00 per head.

2 GRADED FEEDER PIG SALES: 1606. Compared with 292 head last week, and 1574 h a year ago. All sales by CWT. Feeder Pigs uneven, extremes 7.00 higher to 5.00 lower. US No. 1-2 20-40 lbs 54.00-75.50, 40-50 lbs. 51.00-66.00, 50-60 lbs. 56.00-68.00; US No. 2-3 30-40 lbs. 55.00-66.00, 40-50 lbs. 50.00-56.00, few to 64.00.

SHEEP: 1041. Compared with 834 head last week and 955 head a year ago. Steady to 5.00 lower. Choice 60-110 lbs. 45.00-60.00; Good 50-105 lbs. 40.00-50.00. Sl. ewes: 8.00-22.00.

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365 days a year
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LANCASTER STOCK YARDS
AUCTIONS
MONDAY
9:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M.— Veal Calves, Lambs, Hogs
TUESDAY
10:00 A.M.— Slaughter Hogs
1:00 P.M.— Feeder Pigs
WEDNESDAY
10:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows
11:00 AM.— Veal Calves, Lambs, Hogs
FRIDAY
11:00 A.M.— Stocker and Feeder Cattle
SATURDAY
9:30 A.M.—Slaughter Hogs
FEEDER PIG SALE
TUESDAY, AUGUST 2
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Sale every Tuesday at 1 30 P.M. starting with feeder cattle and pigs
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— SALE —
Every Friday at 12 Noon
GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-733-2334
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only.

HOG MARKETS

Lancaster Feeder Pigs

Tuesday, July 26
Report supplied by USDA

Today	980
Last Tuesday	1401
Last Year	987

TREND: Compared to last Tuesday feeder pigs uneven, under 40 lb. 2.00-10.00 lower, over 40 lb. steady to 5.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 25 head 20-27 lbs. 69.00-75.50; 170 head 30-40 lbs. 54.00-67.00, mostly 59.00-62.00; 335 head 40-50 lbs. 51.00-62.50, mostly 53.00-58.00; 157 head 50-52 lbs. 58.00-62.50.

US 2-3: 65 head 29-37 lbs. 55.00-66.00; 19 head with tails 36 lbs. 40.00; 37 head 41-47 lbs. 50.00-56.00; 5 head with tails 59 lbs. 45.00; 11 head 65 lbs. 47.00.

Lancaster Hogs

Lancaster Stockyards
Monday, July 25
Report supplied by USDA

HOGS: Barrows and gilts 50 lower than last Wednesday.

BARROWS AND GILTS: US 1-2 210-250 lb. 47.50-58.60. US 1 210-250 lb. 48.75-49.50. US 1-2 200-210 lb. 46.00-47.50; 190-200 lb. 45.00-46.00. US 1-3 210-250 lb. 47.00-47.50.

Tuesday, July 26

Today	168
Last Tuesday	262
Last Year	483

TREND: Compared to Monday barrows and gilts 50 lower.

BARROWS AND GILTS: US 1-2 210-250 lb. 47.00-48.00. US 1-3 210-250 lb. 46.00-47.00.

SOWS: US 1-3 350-600 lb. 29.00-31.00.

Wednesday, July 27

HOGS: Compared to Tuesday barrows and gilts 1.00 higher; sows 1.00-2.00 higher.

BARROWS AND GILTS: US 1-2 210-250 lb. 49.25-50.50. US 1-2 210-250 lb. 48.00-49.00. US 1-3 210-250 lb. 47.00-48.00, few lots 270-280 lb. 44.00-46.00.

SOWS: US 1-3 350-600 lb. 30.00-33.00.

New Holland Feeder Pigs

Wednesday, July 27
Report supplied by USDA

Today	626
Last Wednesday	627
Last Year	593

TREND: Compared to last Wednesday feeder pigs under 50 lb. steady-3.00 higher, over 50 lb. 3.00-10.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 26 head 22-26 lbs. 87.00-90.00; 35 head 28-29 lbs. 63.00-64.00; 74 head 34-39 lbs. 64.00-69.00; 129 head 40-49 lbs. 58.00-66.00; 5 head 43 lbs. 71.00; 126 head 50-56 lbs. 56.00-67.00; 54 head 60-77 lbs. 65.00-70.00; 17 head 85 lbs. 56.00.

US 2-3: 30 head 30-39 lbs. 56.00-58.00; 29 head 65 lbs. 57.00.

New Holland Hogs

Monday, July 25
Report supplied by USDA

Today	1862
Last Monday	2046
Last Year	1060

TREND: Compared to last Monday barrows and gilts steady.

BARROWS AND GILTS: US 1-2 210-250 lb. 47.75-49.00, 38 head 49.25. US 1 210-245 lb. 49.50-51.00.

Peoria Hogs

Thursday, July 28
Report supplied by USDA

3100. (600 over estimated 2500) Barrows & gilts moderate, mostly 50, instances 1.00 higher on wts over 220 lb., lighter wts steady.

BARROWS AND GILTS: US 1-2 220-250 lb. 47.50-48.50, bulk 47.00-48.00, 75 head 48.65; 200-220 lb. 46.50-47.00. US 1-3 200-250 lb. 46.50-47.50.

SOWS: Steady-50 lower than bulk of Wednesday's sales. (17%) US 1-3 350-500 lb. 35.50-36.00; 500-600 lb. 35.00-35.50.

BOARS: Over 350 lb. 31.50; 250-350 lb. 29.00-30.00; under 250 lb. 37.00-39.00.

St. Louis Hogs

Thursday, July 28
Report supplied by USDA

4500. Barrows & gilts fairly active, fully 50 higher.

BARROWS AND GILTS: US 1-2 225-250 lb. 47.00-47.50; 210-225 lb. 46.00-47.00. US 1-3 230-250 lb. 46.00-47.00; 250-270 lb. 45.00-46.00.

SOWS: 50-1.00 higher. (Fully 16%) US 1-3 300-650 lb. 35.00-36.00.

BOARS: Over 300 lb. 32.50, few 33.00; lot about 270 lb. 35.50; 200-250 lb. 37.50.

Indianapolis Hogs

Thursday, July 28
Report supplied by USDA

900. Barrows and gilts very active; firm to mostly 50 higher.

BARROWS & GILTS: US 1-2 210-250 lb. 47.75-48.25, lot near 200 lb. 46.00. US 1-3 few 210-250 lb. 47.00-47.50, few 260-270 lb. 45.00-46.00.

SOWS: Active, steady to weak. (9%) US 1-3 400-500 lb. 34.00-35.00; 500-600 lb. 35.00-36.00.

BOARS: Under 250 lb. 35.50-37.00; over 300 lb. 30.00.

Belleville Auction

Belleville, Pa.
Wednesday, July 27
Report supplied by PDA

CATTLE 128: Compared with last Wednesday's market, slaughter cows mostly .75-1.50 lower. Couple Good slaughter steers 55.50 & 56.25. Few Standard slaughter heifers 46.00-51.25. Utility & Commercial slaughter cows 39.00-43.10, couple 43.85, Cutters 37.75-40.00, Canner & Low Cutters 35.00-37.75, Shells down to 30.00. One Good slaughter bullock at 52.50. Yield Grade #1 1130-1660 lbs. slaughter bulls 47.35-55.75. Few Large Frame #1 320-490 lbs. feeder bulls 51.50-62.00.

CALVES 194: Few Good vealers 57.00-71.00, Standard and Good 100-120 lbs. 50.00-55.00, 70-105 lbs. 40.00-50.00, few Utility 55-85 lbs. 30.00-40.00. Farm Calves: Holstein Bulls 90-130 lbs. 55.00-82.00.

HOGS 180: Barrows and Gilts .25 higher. US No. 1-2 200-235 lbs. barrows and gilts 47.10-47.75, No. 1-3 210-240 lbs. 46.25-47.25. Few US No. 1-3 300-550 lbs. sows 29.00-32.50. Few Boars 23.50-40.50.

FEEDER PIGS 238: US No. 1-3 25-45 lbs. feeder pigs 12.50-25.00 per head, No. 1-3 50-80 lbs. 20.50-34.00 per head.

SHEEP 50: Choice 80-110 lbs. spring slaughter lambs 49.00-54.00, couple 57.00, Good 35-70 lbs. 41.00-48.00. Slaughter ewes 8.00-28.00. Goats 41: Registered 35.00-40.00 per head, Grade 20.00-57.00, few Kids 12.00-19.00 per head. HOLSTEIN DAIRY COWS 500.00-980.00 per head.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter — Thursday, July 28
Report supplied by USDA

		Under Federal Inspection	
CATTLE	CALVES	HOGS	SHEEP
Week to Date (Est.)			
506,000	41,000	1,212,000	103,000
Same Period Last Week (Est.)			
505,000	37,000	1,187,000	94,000
Same Period Last Year (Act.)			
489,000	42,000	1,091,000	87,000

Chicago Grain Futures

(Closing Bids as of Thursday, July 28)

	Corn	Wheat	Soybeans	Soybean Meal
Sept.	3.22¾	3.71¼	7.20	201.50
Oct.				204.50
Dec.	3.28½	3.89¼		209.50

Trend - Corn is stronger, Wheat is stronger, Soybeans are stronger, Soybean Meal is stronger.

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

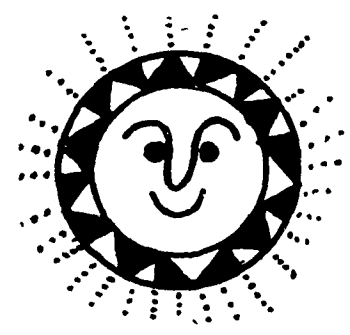
Futures Trading

(Closing Bids as of Thursday, July 28)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
Aug.	66.22	46.90	
Oct.	60.67	40.95	
Nov.			8.04
Dec.	61.45	42.92	

Trend - Cattle are stronger, Hogs are higher, potatoes lower.

Market Provided by Commodity Department Dean Witter Reynolds, Inc.



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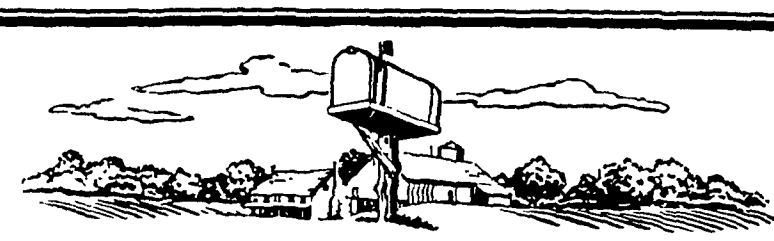

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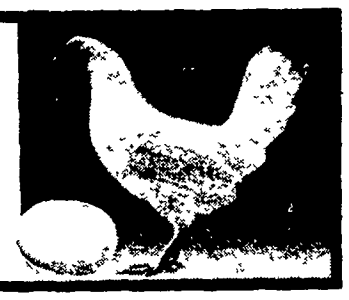
POULTRY MARKETS



N. E. Weekly Shell Egg Report

Tuesday, July 26
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MAINE	96-99	86-90	69-74	45-54
MASS.X	97-99	87-89	74-76	48-50
Mostly	97	87	74	48
N. HAMP.	89-93	79-83	62-66	38-42
Mostly	91-92	81-82	64-65	40-41
R.I.	85-94	76-85	63-69	39-45
Mostly	85-90	76-81	63-65	39-41
VERMONT	95-1.02	86-95	95-80	–
Mostly	95	86	75	–

X Includes Central and Western Sections only.

Weekly New York Egg Market

From Friday, July 22 to July 29

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	87	89	90	90	90
Ex Large	80	80	82	82	82
Large	73	73	74	74	74
Mediums	55	55	56	56	56
Pullets	42	42	42	42	42
Off Grade	61	61	61	61	61
BROWN					
Jumbo			–	–	–
Ex Large	91	91	91	93	93
Large	82	82	82	84	84
Mediums	60	60	60	60	60
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Undergrades	36	36	36	36	37
Checks	34	34	34	34	35

Breaking Stock: Friday to Tuesday 12.30-12.60; Wednesday 12.30-12.90; Thursday 12.60-13.20.

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, July 26
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range 1.10-1.32 per lb.

MUSCOVY DUCKS, HENS: range .80-.90 per lb.

PEKIN DUCKS: range .42-.56 per lb.

PULLETS: 6-8 lbs. range .38-.43 per lb.

RED FOWL: 4-5 lbs. range .22-.28 per lb.

RED FOWL: 5-6 lbs. range .22-.34 per lb.

CROSSBRED FOWL: 5-9 lbs. range .24-.36 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .30-.62 per lb.

CROSSBRED ROOSTERS: 7-11 lbs. range .25-.46 per lb.

GUINEA FOWL: range 1.20-1.46 per lb.

BANTY ROOSTERS: range 2.25-3.75 ea.

BANTY HENS: range .35-1.10 ea.

GEESE: 7-11 lbs. range .30-.42 per lb.

PIGEONS: range .85-1.10 ea.

WHITE PIGEONS: range 1.60-2.50 ea.

RABBITS: 4-6 lbs. range .20-.42 per lb.

RABBITS: 7-12 lbs. range .15-.34 per lb.

BUNNIES: range .50-1.00.

GUINEA PIGS: range .35-1.75 ea.

GOATS: range 18.00-45.00 ea.

KID GOATS: range 16.00-28.00

BROILERS: 4-6 lbs. range .20-.32 per lb.

LEGHORN HENS: .04-.08 per lb.

TOTAL AMOUNT COOPS: 936

Beat the Heat with Eggs

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	July 26 Tuesday	July 28 Thursday
Class 1 - Large	48 lbs.	63	60
Class 2 - Large	45 lbs.	51½	51
Class 3 - Medium	42 lbs.	39½	38
Class 4 - Small	39 lbs.	36	36
Breaking Stock	48 lbs.	41	42
Checks	48 lbs.	38½	37½

New York Multiple Drop Broiler Report

Thursday, July 21
Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A 52.00-57.00.

WTD. AVG.: U.S. Grade A 56.02; Premium (X) Boxes 8,620.

(X) Includes special services, selected competitive brands, etc.

Delmarva Poultry

Thursday, July 21
Report supplied by USDA

Market Comment: Ready to cook movement fair to fairly good for while birds, Improved on parts. Less than truck lot asking prices are unchanged at 53-57 cents. Slaughter schedules are again reduced today as live weights continued on light side. Live supplies are adequate. Undertone is steady to fully steady.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 1,613; Actual 7/21 1,870; Actual 7/26 1,811; Average Weights 7/26 4.91; 7/19 4.17.

Eastern Pa. & N.J. Poultry

Wednesday, July 20
Report supplied by USDA

Market Comment: Prices generally unchanged for this week's deliveries, developing at unchanged to slightly higher levels for next week. Offerings are adequate overall. Canner movement is no better than fair.

Prices Paid at Farm.

Light Type Hens: 9-10, mostly 9½-9¾.

F.O.B. Plant. 11¾-12½, mostly 11¾-12.

Philadelphia Eggs

Thursday, July 28
Report supplied by USDA

MARKET COMMENT: Prices edged higher for all sizes. Trade sediment relatively steady, but a cautiousness has developed as market values increased. Carton egg movement shifted to medium in some quarters as the large differential displaces the usual buying pattern. Supplies of large are beginning to accumulate while medium begin to move a little better.

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large .68-.73; A Large .67-.72; A Medium .50-.53.

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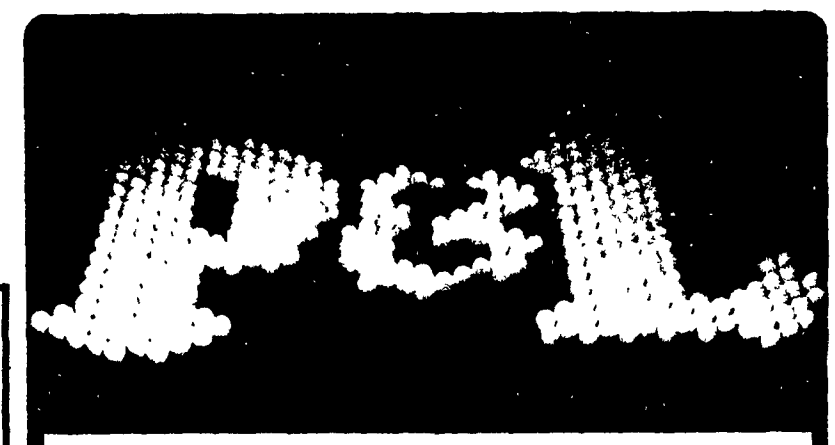

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Quality - Performance - Service

New Holland Hay

New Holland Sales Stables
Monday, July 25
Report supplied by auction

93 loads; market steady on hay and straw, 5.00 lower on corn.

Alfalfa choice second cutting 101.00-120.00, few first cutting 68.00-80.00; Mixed few Choice 100.00-118.00; mostly 70.00-90.00; Timothy 65.00-90.00; one Timothy & Alfalfa 121.00; one grass 60.00; Clover 78.00 & 80.00; Straw mostly 65.00-70.00, several to 76.00; Oats 1.90-2.15 bu.; Corn 108.00-115.00 ton.

Good's Hay

Leola, Pa.
Wednesday, July 27
Report supplied by auction

60 loads.

Mixed 72.00-120.00; Alfalfa 73.00-120.00; Straw 57.00-76.00; Clover 46.00-59.00; Corn 114.00-123.00; Timothy 97.00-126.00; Rye 3.10-4.10 bu.; one Hay & Straw 57.00.

Kiester's Hay

Middleburg, Pa.
Tuesday, July 26
Report supplied by auction

6 loads of hay Mixed 35.00-67.50; Straw 49.00-52.00; Oats 1.65 and 1.75 bu.; Corn 105.00-117.50.

Leinbach's Hay

Shippensburg, Pa.
Tuesday, July 26
Report supplied by auction

18 loads. Alfalfa 94.00-107.00, pickup load of fancy Alfalfa 230.00; Mixed 60.00-62.50; Timothy 63.00; Clover 55.00-56.00; Straw 49.00-59.00; Oats 2.30 bu.; nine bags of Rye 5.00 bag.

Regional Hay

Friday, July 22
Report supplied by PDA

(All hay No. 2 and better, prices paid by dealers at the farm and per ton).

Hay & Straw steady to $5 higher; and Straw steady.

Alfalfa 75.00-100.00; Mixed hay 60.00-70.00; Timothy hay 50.00-65.00; Straw 40.00-60.00; Mulch 25.00-30.00.

Green Dragon Hay

Ephrata, Pa.
Friday, July 22
Report supplied by PDA

42 Loads Hay and 32 Loads Straw.

Alfalfa 69.00-111.00; Mixed hay 59.00-125.00, mostly 65.00-93.00; Timothy hay 77.00-88.00; Straw 60.00-74.00; Ear Corn, 13 loads 113.00-124.00, few down 86.00; Oats, one load 1.95 per bu.

Pa. Grain

Monday, July 25
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central Pa. Corn and Wheat steady to 15 cents higher. Barley steady to fully 5 cents higher. Oats uneven, market not fully established, new crop on the market in most eastern areas. Ear Corn steady to $5 higher.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 3.45-3.80, average 3.66, New Crop 3.00-3.20; Wheat No. 2 range 3.35-3.68, average 3.50, Barley No. 2 range 1.80-2.15, average 2.03; Oats No. 2 range 1.60-1.86; average 1.73; Soybeans No. 1 range 6.66-6.85, average 6.76, New Crop 6.80-7.01; Grain Sorghum #2 range 2.90, average 2.90; Rye range 2.75-2.90, average 2.83; Ear Corn range 95.00-105.00, average 99.82.

Central Pa.

Corn No. 2-y range 3.40-3.70, average 3.56; Wheat No. 2 range 3.20-3.55, average 3.36; Barley No. 3 range 1.90-2.10, average 2.01; Oats No. 2 range 1.50-1.85, average 1.60; Soybeans No. 1 range 6.30, average 6.30; Rye range 2.75-3.00, average 2.88; Ear Corn range 90.00-98.50, average 94.71.

South Central Pa.

Corn No. 2-y range 3.50-3.55, few reported 3.80, average 3.55; Wheat No. 2 range 3.20-3.40, average 3.28; Barley No. 3 range 1.80-2.00, average 1.92; Oats No. 2 range 1.50-1.70, average 1.64; Ear Corn range 90.00-105.00, average 98.45.

Southeastern, Central & South Central Summary

Corn No. 2-y range 3.45-3.80, average 3.61; Wheat No. 2 range 3.20-3.58, average 3.40; Barley No. 3 range 1.80-2.15, average 1.94; Oats No. 2 range 1.50-1.85, average 1.65; Ear Corn range 90.00-105.00, average 97.63.

Western Pa.

Corn No. 2-y range 3.40-3.60, few reported 3.20, average 3.44; Wheat No. 2 range 2.90-3.30, 3.08; Barley No. 3 range 1.95-2.00, average 1.97; Oats No. 2 range 1.60-1.75, average 1.66; Ear Corn range 80.00-94.00, average 86.33.

Oklahoma Cattle

Wednesday, July 27
Report supplied by USDA

Estimated Receipts	10,500
Same Day last Week	11,673

Trade active. Demand Good, especially on Steers. Feeder Steers steady to firm. Feeder Heifers steady to 1.00 lower. Majority receipts Medium Frame 1 and Mixed 1-2 500-850 lb. Feeder Steers and 400-750 lbs. Feeder Heifers. Moderate attendance of buyers.

FEEDER STEERS: Medium and Large Frame 1 475-480 lb. 65.25-66.70; 500-600 lb. 62.50-64.70; 600-700 lb. 59.25-62.00; 700-800 lb. 58.70-61.30; 800-900 lb. 58.00-60.50. Medium and Large Frame Mixed 1-2 400-500 lb. 61.80-65.00; 400-500 lb. 58.70-61.50; 600-700 lb. 59.00-59.60; 700-800 lb. 56.90-59.00. Large Frame 2 Holsteins: 765-1065 lb. 40.80-44.00.

FEEDER HEIFERS: Medium and Large Frame 1 400-500 lb. 55.00-58.90; 500-600 lb. 54.25-56.90; 600-700 lb. 53.50-56.20; 700-800 lb. 54.00-55.20. Small Frame 1 500-650 lb. 50.00-53.10. Medium and Large Frame Mixed 1-2 350-500 lb. 51.00-55.25; 500-600 lb. 53.75-54.90; 600-700 lb. 51.00-54.00; 700-750 lb. 51.00-53.60. Medium and Large Frame 2 400-750 lb. 46.70-49.80.

Thursday, July 28
Report supplied by USDA

Weekly cattle summary. Compared to last Wednesday Feeder Steers were steady to 1.00 higher; Feeder Heifers steady to 50 cents higher. Slaughter Cows closed generally steady with late sales Utility and Commercial 2-3 38.50-41.00, few lots high dressing 41.40-43.00; Cutters 1-2 37.00-39.30, package high dressing 40.10; Canners and low Cutters 33.75-36.25. Slaughter Bulls were 1.00-2.00 lower with Yield Grade 1 1100-1500 lbs. 45.50-50.75; 1500-1800 lbs. 47.00-51.00, individual Monday 2025 lb. high Dressing 54.00. Salable receipts this week near 18,900 head compared with 17,878 head last week and 19,516 head last year. The majority of receipts consisted of Feeder Steers and Heifers; Cows and Bulls made up 11 percent of salable supply.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, July 26
Report supplied by auction

Beef Cows: Utility and Commercial 41.25-44.75; Cutters 37.75-40.85; Canners 35.25-37.25; Shells 27.00.

Steers: Good 51.00-54.50; Standard 48.50-50.25.

Bulls: Good 51.50-55.00; Standard 46.85-50.50.

Feeder Cattle: 300-500 lbs. large frame 59.50-67.00; 300-500 lbs. small frame 36.50-50.50; 500-700 lbs. large frame 45.00-52.00.

Veal Calves: Choice 70.00-77.50; Good 62.00-69.00; Standard 55.00-61.00; Utility 43.50-53.00.

Farm Calves: Bulls 60.00-77.00; Heifers 65.00-72.00.

Hogs: 45.50-47.50.

Sows: 26.75-31.50.

Boars: 25.00-26.25.

Shoats: 25-30 lbs. per head 16.00-25.00; 30-35 lbs. per head 26.00-32.00.

Lambs: 40.50-48.00.

NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

EARLY BIRD HOG SALE
For Your Protection Your Hogs Must Be Identified

10:00 AM

11:00 AM

HAY
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WEDNESDAY

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WEDNESDAY
FEEDER PIG SALE
1:30 P.M.

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State graded until 12 Noon

THURSDAY

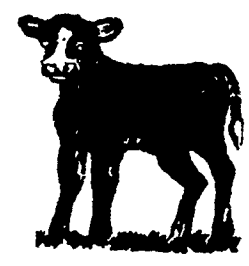
11:00 AM

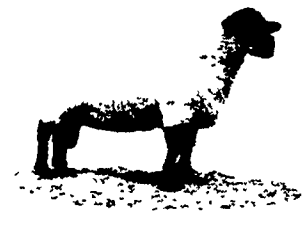
BULLS -

STEERS -
BEEF COWS

3:30 P.M.

CALVES





SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Livestock market and auction news

Carlisle Auction

Carlisle, Pa.
Tuesday, July 26
Report supplied by auction

CATTLE: Steers were 1.00 lower; Heifers were 2.00 higher; Cows were 1.00 lower and Bulls were 2.50 higher. Steers- No Choice offered; Good 54.25-56.75; Standard 54.00 down. Heifers- Good 54.25-57.25; Standard 48.75-52.25; Utility 45.00 down. Cows- Utility & Commercial 40.00-43.50; Cutter 38.00-41.00; Canner & Low Cutter 36.75-39.00; Shells 33.00 down. Fat Bulls- Choice 1290 lbs. 57.25; Good 1550-1640 lbs. 49.25-51.00; Medium 1280-1415 lbs. 47.00-48.25; Utility 945-1475 lbs. 39.25-40.50.

FEEDER CATTLE: Steers were uneven to 2.00 higher; Heifers were 2.00 lower and Bulls were steady. Steers- Good 360-465 lbs. 57.00-60.00; Medium 430-495 lbs. 35.00-36.00; Medium 505-507 lbs. 46.00-46.50. Heifers- Good 345 lbs. 55.00; Medium 380-445 lbs. 40.00-41.00; Medium 625-720 lbs. 42.25-44.50. Bulls- Good 400-420 lbs. 53.00-54.00; Good 355-382 lbs. 50.00-55.00; Choice 460 lbs. 60.00.

CALVES: Vealers were 3.00 lower and back to the farm calves were 4.00 lower for Hol. Bulls. Vealers- Large run; Choice 75.00-81.00; Good 60.00-75.00; Standard and Good 55.00-70.00; Standard and Light 52.00 down. Farm Calves- Hol. Bulls 70.00-80.00.

HOGS: Steady prices to .50 lower; US No. 1-2, 46.50-48.10; US No. 1-3, 43.25-46.00; US no. 2-3 39.00-40.00. Sows- US No. 1-3, 30.00-33.00-39.50; No. 2-3, 29.00-31.50. Boars- 1.50 higher; heavy 27.00-30.00.

FEEDER PIGS: 3.00 lower; US No. 1-3, 23-25 lbs. 18.00-19.00 head; 40-47 lbs. 22.00-24.00 head; 50-57 lbs. 21.00-22.00 head.

SHEEP: Lambs- Medium-Good 39.00-44.00. Goats- 20.00-37.00 head.

Next Special Feeder Pig Sale Friday, August 12th 1:30 PM.

Keister's Livestock

Middleburg, Pa.
Tuesday, July 26
Report supplied by PDA

CATTLE 422. Compared with last Tuesday's market, slaughter steers grading Choice $3 lower, Standard and Good $1-$2 lower. Slaughter cows $1-$3.25 lower. High Choice & Prime slaughter steers 62.00-63.75, Choice 2-4 950-1400 lbs. 59.00-62.35, Good 54.50-59.00, few holsteins 51.75-54.25; Standard 49.25-53.00, few Utility 43.00-47.00. Couple Choice slaughter heifers at 59.75, few Good 52.75-54.75, few Standard 45.00-50.10. Utility & Commercial 1-3 slaughter cows 39.25-43.50, couple 45.25, Cutters 37.75-41.50, Canner & Low Cutters 35.00-37.75, Shells down to 33.10. Few Good slaughter bullocks 52.00-53.00. Yield Grade #1 950-1900 lbs. slaughter bulls 48.75-54.75, couple 57.50. Few Medium & Large Frame #1 425-650 lbs. feeder bulls 52.00-57.00.

CALVES 165. Couple Prime vealers 71.00 & 75.00, Choice 64.00-75.00, Good 58.00-68.00, Standard and Good 70-105 lbs. 43.00-50.00, Utility 60-85 lbs. 30.00-44.00. Farm Calves: Holstein Bulls 90-130 lbs. 60.00-85.00; Holstein Heifers 85-120 lbs. 53.00-64.50.

HOGS 500. (Mon. 7-25-83) Barrows and gilts about steady. US No. 1 1-2 210-235 lbs. barrows and gilts 47.75-48.60, few 49.85, No. 1-3 2-250 lbs. 47.25-47.75, No. 2-3 190-270 lbs. 44.00-47.25. US No. 1-3 300-600 lbs. sows 32.50-37.00.

HOGS 46. (Tues. 7-26-83). No prices quoted. Boars 25.00-28.50.

FEEDER PIGS 330. US No. 1-3 20-35 lbs. feeder pigs 17.50-25.00 per head, No. 1-3 35-50 lbs. 25.00-28.50, No. 1-3 70-85 lbs. 35.00-36.00 per head.

SHEEP 24. Choice 80-100 lbs. spring slaughter lambs 48.00-51.50, Good 50-70 lbs. 43.00-48.00. Few Slaughter ewes 12.00-26.00.

New Wilmington Livestock

New Wilmington, Pa.
Monday, July 25
Report Supplied by PDA

CATTLE 183. Compared with last Monday's market, slaughter cows mostly $2 lower. One Choice slaughter steer at 61.00, few Good 55.00-58.00, Standard 48.00-55.00. One Good slaughter heifer at 54.00, few Standard 45.50-49.50. Utility & Commercial slaughter cows 40.50-43.75, one at 46.75, Cutters 38.00-41.25, Canner & Low Cutter 31.00. Few Standard slaughter bullocks 47.00-48.00, few Utility 42.00-47.00. Yield Grade #1 1150-2010 lbs. slaughter bulls 49.50-52.50. Few Medium & Large Frame #1 360-650 lbs. feeder steers 45.00-52.75; Medium & Large frame #1 410-655 lbs. feeder heifers 40.00-48.50.

CALVES 246. Vealers grading Good & Choice mostly $5 lower, Standard steady. Choice vealers 70.00-80.00, Good 60.00-70.00, Standard & Good 90-125 lbs. 40.00-54.00, 65-85 lbs. 35.00-45.00, Utility 50-85 lbs. 15.00-33.00. Farm calves, holstein bulls 95-130 lbs. 55.00-65.00; holstein heifers 85-115 lbs. 45.00-65.00.

HOGS 353. Barrows & gilts 50 cents to $1 higher. US No. 1-2 205-245 lbs. barrows & gilts 46.00-46.75, No. 1-3 200-250 lbs. 45.00-46.00, No. 2-3 205-265 lbs. 43.50-45.00. Sows steady to strong. US No. 1-3 300-645 lbs. sows 30.00-37.00. Boars 27.00-33.50.

FEEDER PIGS 101. US No. 1-3 10-25 lbs. feeder pigs 10.00-18.00 per head, No. 1-3 30-45 lbs. 23.00-31.00 per head.

SHEEP 182. High Choice & Prime 65-95 lbs. spring slaughter lambs 40.00-50.00, few 56.00-67.00, Choice 65-95 lbs. 32.00-45.00, Good 50-80 lbs. 28.00-43.00. Slaughter ewes 8.00-17.00.

Greencastle Livestock

Greencastle, Pa.
Monday, July 25
Report supplied by auction

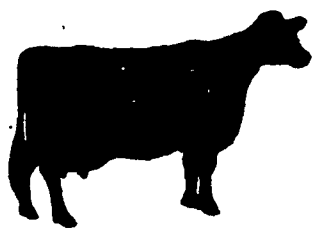
CATTLE: Butcher Steers- Choice 61.00-64.00; Medium - Good 50.50-61.50. Butcher Heifers- Choice 57.00-60.00; Medium - Good 46.50-58.00. Butcher Cows- Utility - Good 40.00-44.00; Canners and Cutters 37.00-42.50; Shells down to 33.00. Butcher Bulls- Medium - Good 51.50-57.00. Stock Steers- Medium up to 55.00. Stock Heifers- Medium up to 48.00.

CALVES: Medium-Good Calves- 160-220 lbs. 55.00-71.00; 125-160 lbs. 50.00-65.00; 100-120 lbs. 45.00-60.00; 80-100 lbs. 40.00-55.00. Holstein Bull Calves- up to 80.00. Holstein Heifer Calves- up to 68.00. Light and Green Calves- down to 20.00.

SHEEP AND LAMBS: Light and Cull Lambs- 38.00-43.50.

HOGS: Good-Choice Butcher Hogs- 190-225 lbs. 42.00-46.50; 225-250 lbs. 46.00-46.50. Good-Choice Butcher Sows- 400 lbs., down up to 32.00; 400 lbs., up up to 31.00. Heavy Boars- up to 27.50. Pigs- per head 11.00-23.00.

Pennfield #513



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Livestock market and auction news

THE OLD FARMER'S ALMANAC

AUG. 1-AUG. 7, 1983

Hot and muggy — could be buggy.

Good time to dig a well . . Gold discovered on Bonanza Creek in Yukon Territory, northwest Canada, Aug 6, 1896 . . Last quarter of the moon Aug 1 (Mon.) . . Average length of days for the week, 14 hours, 21 minutes . . Julia Holmes first woman to climb Pike's Peak in Colorado, Aug 5, 1858 Calvin Coolidge sworn in as president of U.S. Aug. 3, 1923 . *A wise man reflects and then speaks, a fool speaks and then reflects*

Ask the Old Farmer: A friend recently gave me a trivet, and it reminded me of an expression I was familiar with as a child: "Right as a trivet" Where did that come from? W R S., Lansing, Mich

The "three-point landing" was known and appreciated long before aircraft were invented. The trivet is an example of dependable bearings

Home Hints: Put reflector tape on your dog's or cat's collar so he can be seen on the road at night

OLD FARMER'S WEATHER FORECASTS

New England: Clear and hot through midweek; then cloudy and cool

Greater New York-New Jersey: Week is hot and humid, partly cloudy, cool through weekend.

Middle Atlantic Coastal: Hot and humid, showers north throughout week, cloudy and cool end

Piedmont & Southeast Coastal: To start week clear and hot, showers, hot into weekend; then partly cloudy, mild

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Lebanon Valley Auction

Fredericksburg, Pa.
Tuesday, July 26
Report supplied by PDA

CATTLE: 195. Compared with last Tuesday's market, one High Choice 1415 lbs. slaughter steer at 63.00, Choice No. 2-4 1110-1470 lbs. 60.75-63.50, few Good 58.35-61.50, Good & Choice holsteins 54.10-59.85, Standard 47.60-51.00, one at 54.85, few Utility 39.75-45.75. One Choice slaughter heifer at 61.10, few Standard 45.85-50.50, few Utility 36.75-42.00. Utility & Commercial slaughter cows 42.50-43.75, few to 47.75, Cutters 38.00-41.50, few to 43.00, Canner & Low Cutter 36.00-40.00, Shells down to 25.00. Few Good slaughter bullocks 51.25-54.50, one at 57.50, few Standard 48.35-51.25, Utility 39.00-45.25. Yield Grade #1 1350-1755 lbs. slaughter bulls 52.00-54.75.

CALVES 255: Few Choice vealers 68.00-77.00, few Good 63.00-70.00, few Standard & Good 110-130 lbs. 56.00-59.00, 90-110 lbs. 50.00-55.00, few to 58.00, 65-90 lbs. 45.00-51.00, Utility 30-100 lbs. 30.00-43.00. Farm calves, holstein bulls 85-120 lbs. 50.00-76.00, mostly 55.00-65.00; few holstein heifers 90-120 lbs. 51.00-75.00.

HOGS 152: US No. 1-2 220-240 lbs. barrows & gilts 46.50-47.00, few 185-200 lbs. 41.00-43.50, No. 1-3 220-255 lbs. 46.00-46.50, few No. 2-3 270-300 lbs. 41.35-43.85. US No. 1-3 300-600 lbs. sows 28.25-32.75, few to 34.00. Boars 26.50-28.50, one at 30.75.

FEEDER PIGS 22: US No. 1-3 25-50 lbs. feeder pigs 43.00-54.00 cwt.

SHEEP 20: Few Choice 66-90 lbs. spring slaughter lambs 45.00-50.00, 90-115 lbs. 36.00-43.00, one Good 50 lbs. at 30.00.

GOATS 2: 25.00 per head.

Eighty-four Livestock

Eighty-four, Pa.
Monday, July 25
Report supplied by PDA

CATTLE 348: Compared with last Monday's market, slaughter steers steady to weak. Slaughter cows .50-1.00 lower. Few Choice slaughter steers 61.00-62.50, Good 56.00-60.00, Standard 51.00-55.00, Utility 45.00-52.00. One Choice slaughter heifers at 59.50, few Standard & Good 46.50-54.00, Utility 44.00-49.00. Utility & Commercial slaughter cows 41.25-45.00, Cutters 38.00-41.50, Canner & Low Cutter 30.00-38.50, Shells down to 24.00. Yield grade #1 900-1750 lbs. slaughter bulls 49.25-57.00; yield grade #2 800-1200 lbs. 42.00-49.00. Few Medium Frame #1 600-700 lbs. feeder steers 56.00-58.00, Medium Frame #2 600-800 lbs. 46.00-51.25; Medium Frame #1 400-700 lbs. feeder heifers 47.00-58.00; Medium Frame #1 350-600 lbs. feeder bulls 50.00-59.50.

CALVES 221: Vealers mostly steady. Choice vealers 70.00-80.00, Good 62.00-71.00, few Standard 50.00-63.00, Standard & Good 90-120 lbs. 49.00-58.00, 60-85 lbs. 41.00-52.00. Farm calves, holstein bulls 90-125 lbs. 60.00-70.00; Slaughter calves, grading Good & Choice 280-370 lbs. 56.00-65.00.

HOGS 68: Barrows and gilts .50-.75 higher. US No. 1-2 220-240 lbs. barrows & gilts 46.50-47.50, few No. 2-3 240-250 lbs. 43.50-44.00, one lot No. 1-3 160 lbs. at 41.00. US No. 1-3 380-500 lbs. sows 33.00-35.25, No. 2-3 350-600 lbs. 30.25-32.75. Few Boars 28.00-28.50.

FEEDER PIGS 22: US No. 1-3 20-28 lbs. feeder pigs 16.50-17.50 per head.

SHEEP 280: Spring slaughter

PENNSYLVANIA MARKETS

lambs weak to .50 lower. Choice 70-100 lbs. spring slaughter lambs 53.00-57.00, Good 70-90 lbs. 46.00-50.00, Good & Choice 50-74 lbs. feeders 42.00-46.50, Utility 40-65 lbs. 31.00-38.00. Slaughter ewes 11.25-16.50.

GOATS 7: 7.50-25.00 per head.

Morrison Cove Livestock

Martinsburg, Pa.
Monday, July 25
Report Supplied By Auction

CATTLE 244. High Choice & Prime slaughter steers 61.75-62.75, Choice 60.25-61.75, Good 58.50-60.25, Standard 53.50-57.25, Utility 43.50-51.50. Choice slaughter heifers 58.50-60.75, Good 54.50-58.25, Standard 51.00-53.50, Utility 42.50-48.50. Utility & Commercial slaughter cows 42.50-45.25, Commercial 40.25-41.75, Cutters 38.50-40.75, Canner & Low Cutter 34.50-39.50, Shells down to 25.00. Choice slaughter bullocks 54.50-58.50, Good 52.50-54.25, Standard 46.50-51.50, Utility 40.25-44.50. Yield Grade #1 slaughter bulls 53.50-56.25; yield grade #2 44.50-52.50. Choice feeder steers 54.50-60.50, Good 52.50-55.00, Medium 45.50-51.50; Good feeder heifers 55.00-60.00, Medium 42.00-51.00; Good feeder bulls 52.50-56.50, Medium 41.50-48.50.

CALVES 473. Prime vealers 82.50-91.50, Choice 78.50-84.50, Good 65.50-72.50, Standard & Good 110-130 lbs. 55.50-62.50, 90-110 lbs. 50.00-52.50, 70-90 lbs. 42.50-50.50, Utility at 35.00. Farm calves, holstein bulls 90-130 lbs. 62.50-102.50; holstein heifers 90-130 lbs. 70.00-107.50.

HOGS 326. US No. 1-2 200-240 lbs. barrows & gilts 48.25-49.00, No. 1-3 200-240 lbs. 47.00-48.75, No. 2-3 200-240 lbs. 46.00-47.50, 250-320 lbs. 42.00-45.00. US No. 1-3 350-600 lbs. sows 35.00-41.50, No. 2-3 350-600 lbs. 30.00-33.75. Boars 26.00-28.50, Light Weights 30.50-32.50.

FEEDER PIGS 106. US No. 1-3 20-40 lbs. feeder pigs 18.50-26.50 per head; No. 1-3 40-50 lbs. 26.50-34.50 per head.

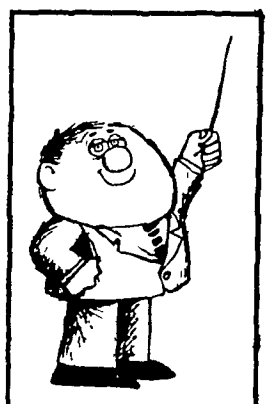
SHEEP 21. Choice 90-110 lbs. spring slaughter lambs 52.50-54.50, Good 75-90 lbs. 48.00-51.50, Utility 30-50 lbs. 40.00-45.00. Slaughter ewes 10.00-14.00.

GOATS 3. 10.00-24.00 per head.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, July 25
Report supplied by auction

Holstein Hfr. Calves to 66.50; Veal Calves 55.00-85.00; Vealer Bull Calves 58.00-65.00; Slaughter Calves 45.00-55.00; Grassers & Feeders 40.00-52.00; Lambs 40.00-54.50; Sheep 8.00-15.00; Hogs, 200 to 250 44.00-49.50; Sows 30.00-33.00; Boars 23.00-28.50; Pigs 15.00-34.00; Heifers 41.00-49.25; Steers to 55.00; Steers, feeder 38.00-50.00; Bulls 42.00-49.00; Cows, utility 41.00-43.75; Cows, fat 39.00-42.00; Cows, medium 36.00-38.00; Cows, poor or small 25.00-32.00; Cattle Market steady; Calf Market steady; Horses none; Ponies none; Goats 8.00-40.00.



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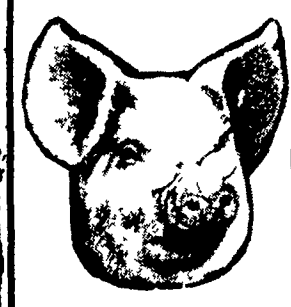

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Livestock market and auction news

VIRGINIA MARKETS

Virginia Auction Summary

July 21-27
Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 4,502.

TREND: Steady to $3.00 lower.

Southwestern, Va.
Auction Summary
July 21-27

STEERS: 300-500 lbs. Medium 1 51.00-63.00; Large 1 62.00-72.50; Small 1 50.00-61.00. 500-700 lbs. Medium 1 53.75-63.00; Large 1 54.75-63.50; Small 1 48.00-58.00. 700-1000 lbs. 48.00-59.00; Large 1 51.00-58.00.

HEIFERS: 300-500 lbs. Medium 1 45.00-55.00; Large 1 44.50-46.50; Small 1 42.00-48.00. 500-700 lbs. Medium 1 44.00-54.00; Large 1 43.50-55.75; Small 1 40.50-45.50; 700-900 lbs. Medium 1 44.50; Large 1 42.75-48.00.

Southeast Va.
Auction Summary
July 21-27

STEERS: 300-500 lbs. Medium 1 54.50-60.25; Large 1 57.00; Small 1 56.50. 500-700 lbs. 54.75-58.00.

HEIFERS: 300-500 lbs. Medium 1 44.50-52.50; Small 1 42.50-45.00. 500-700 lbs. 41.50-51.50.

Northern Va.
Auction Summary
July 21-27

STEERS: 300-500 lbs. Medium 1 54.50-67.00; Large 1 60.00-62.00; Small 1 49.00-60.00. 500-700 Medium 1 52.50-64.50; Large 1 48.50-56.50; Small 1 51.00-60.00. 700-1000 lbs. Medium 1 48.00-59.00; Large 1 46.00-58.00; Small 1 50.00-56.00.

HEIFERS: 300-500 lbs. Medium 1 44.50-53.00; Small 1 40.00-50.00. 500-700 lbs. Medium 1 41.00-51.00; Large 1 44.50-55.00; Small 1 39.00-44.50. 700-900 lbs. Medium 1 40.50-47.25; Large 1 50.00-51.75.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, July 23
Report supplied by auction

FEEDER CATTLE: Trend-Steer 3.00 to 5.00 lbs., 2.00 higher; 500 to 1000 2.00 lower; Heifers 2.00 lower; Bulls steady.

Steers: M&L-1 300-500 lbs. 56.00-64.00; 500-700 lbs. 50.00-59.50; 700-1000 lbs. 49.00-56.50; Holstein 300-1000 38.50-50.50. S-1&M&L-2 300-500 lbs. 50.00-58.00; 500-700 lbs. 50.00-57.75; 700-1000 lbs. 45.00-52.00. Feeder Bulls: M&L-1 300-500 lbs. 50.00-60.00; 500-700 lbs. 45.00-53.00; 700-1000 lbs. 49.00. S-1&M&L-2 300-500 lbs. 43.00-45.00; 500-700 lbs. 43.50. Heifers: M&L-1 300-500 lbs. 46.50-52.00; 500-700 lbs. 44.00-49.50; 700-800 lbs. 45.00-47.50. S-1&M&L-2 300-500 lbs. 42.00-46.00; 500-700 lbs. 40.00-48.00. Stock Cows: Beef 410.00-420.00. Baby Calves 32.00-87.50, mostly 40.00-60.00.

SLAUGHTER CATTLE: Heifers- Choice 2-4 45.50-49.50; Good 46.00-47.75.

SLAUGHTER COWS: Trend Sl. Cows 3.00 lower. Utility & Commercial 2-4 35.00-41.00; Canner & Cutters 1-3 30.25-35.00.

SLAUGHTER BULLS 1 & 2 44.50-53.25.

LAMBS: Lambs 1.80 lower. High Choice & Prime 49.00; Choice 43.00; Feeder Lambs Choice 44.00-45.00; Slaughter Ewes 5.00-13.50.

HOGS: US 1-3 200-240 lbs. no Hogs; Sows 1-3 29.00-32.00; Boars 25.50.

VEAL: Choice & Prime 54.00-62.00; Good 48.00-56.00.

SLAUGHTER CALVES: Good & Choice 56.25-60.00.

Peoria Cattle

Thursday, July 28
Report supplied by USDA

Compared to last week Slaughter Steers and Heifers closed steady to 1.00 lower. Cows finished 1.00, instances 2.00 higher. Bulls steady to 1.00 higher. Trade opened the week active. However, as the carcass beef trade became unsettled and a lower trend developed demand narrowed and trading became a slow and deliberate affair. Majority of supply Good and Choice Steers and Heifers with 4% Cows and bulls. Receipts this week 2325. Compared to 2117 last week and 2317 last year.

SLAUGHTER STEERS: Choice 2-4 1100-1300 lbs. 60.00-62.00, load 1120 lbs. 62.50, 1000-1150 lbs. 59.00-60.00. Good and Choice 2-3 950-1250 lbs. 58.00-59.00. Good 54.00-58.00. Holsteins: Few Good and Choice 2-3, 1150-1350 lbs. 50.00-53.00. Standard and Good 1050-1200 lbs. 48.00-50.00.

SLAUGHTER HEIFERS: Choice 2-4 925-1050 lbs. 58.00-59.50, load 1025 lbs. 60.00, 850-950 lbs. 57.00-58.50. Load YG 4 57.00. Scattered lots YG 4-5 1000-1100 lbs. 52.50-53.50. Good and Choice 2-3 850-1000 lbs. and few lots YG 3-4 56.00-58.00. Good 53.00-56.50.

COWS: Utility 1-3 38.00-41.00 high Yielding including Heiferettes 41.75-43.50. Canner and Cutter 30.00-38.00, bulk 34.00-38.00.

BULLS: YG 1-2 1200-1800 lbs. 46.00-52.00, individual 44.00.

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REGISTERED HOLSTEIN COWS AND HEIFERS

CARLIN-M IVANHOE BELL, 1st calf due 8/16/83 to Skyhurst Top Chief. Dam- Jet Stream 2-0, 275, 18,450, 588, 3.2.

MILU BETTY IVANHOE CHIEF, 1st calf due 10/15/83 to Leprechaun. Dam- Hagen 4-11, 336, 19,252, 736, 3.8.

LIME-HOLLOW ADMIRAL DEKOL, 1st calf freshened 7/27/83. Dam- 83 pt. Ivanhoe Star 6-0, 365, 24,533, 1,003, 4.1.

PLUSHANSKI PERSUADOR 81 pt. 2nd calf due 10/15/83 to Board Chairman 2-0, 305, 16,032, 606, 3.9. Dam- 85 pt. Charmcross, 5-10, 278, 22,543, 788, 3.5.

LECHE-RIVERS ASTRONAUT JUNIPER, 3rd calf, fresh 7/18/83 3-1, 308, 20,203, 614.

WHIRLHILL KINGPIN, due 8/83 milked 100 lbs. per day.

LETTERS BURKGOV TRUMP, 3rd calf due 10/14/83 to Moneyman ET 3-3, 377, 17,590, 515.

BIS-MAY ASTRO JUPITER, 2nd calf due 11/5/83 to Stanhope Cannonade 1-10, 305, 16,032, 522, 3.5. Dam- Elevation 7-11, 305, 19,896, 703, 3.5.

ARLINDA JET STREAM-TWIN, 1st calf due 9/11/83 to Black Jack.

OAKLEIGH FARM SILVER SON, 82 pt. 4th calf due 9/29/83 to Transformer 4-3, 365, 28,187, 1,071, 3.8.

ARLINDA JET STREAM-TWIN, 1st calf due 9/13/83 to Boot-nick.

HARRISBURG GAY IDEAL, 1st calf due 8/6/83 to Glendell Clif-ET.

REGISTERED HOLSTEIN BULLS

OCEAN-VIEW SEXATION, born 10/12/82. Dam- 82 pt. Betty Chief 2-4, 365, 20,252, 880, 4.4. 2nd Dam- Ex 90 Elevation over 1,000 fat. 3rd Dam- Ex 90 Ivanhoe Star over 1,000 fat.

CARLIN-M IVANHOE BELL, born 9/15/82. Dam- Ex 90 Elevation 7-0, 391, 29,464, 1,002, 3.4.

Transportation and financing available
STEVE KELLER 717-653-2284
BOB KELLER 717-653-1523
Office: 717-653-4851

FRIDAY, AUGUST 5
ON THE FARM MONTHLY
BRED GILT SALE
Sale to Start Promptly at 7:30
Every 4 Weeks
4 Evening Sales
June, July, Aug., Sept.
7:30
Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road. Watch for sale arrows.
50 to 60 Head
Now selling our new hybred gilts representing mostly York & Hampshire & Landrace cross. Bred for easier & Less trouble over farrowing and better weight gains.
Validated Brucellosis Free Herd #169
Qualified Pseudorabies FreeHerd #55
24 Due between Aug. 10 & 17.
25 Due between Aug. 17 & 24.
10 Due between Aug. 24 & 31.
Hand mated with Breeding Dates
Local Trucker Available
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R.D. 2, Quarryville, Pa
JOHN B. STOLTZFUS
R.D. 1, Kirkwood, Pa
Abe Diffenbach, Auctioneer
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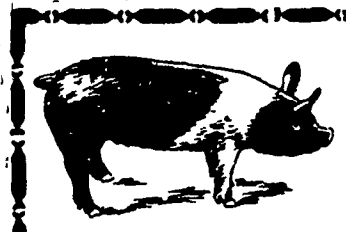
SALE EVERY FRIDAY
Bulls, Steers, Slaughter Cows, Lambs and Veal Calves
11:00 A.M.- Beef Sale Stockers & Feeders 200 to 250 each week.
12:30 P.M.- Dairy Cows
7:00 P.M.- Small Animal Sale
For Special Sales and Herd Dispersals on the farm or at our barn or other market information call: Office 717-733-2444.
WALTER H. RISSER, Proprietor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CLOSED WEDNESDAYS

Friend of ag

BY DICK ANGLESTEIN

It was gratifying and with relief that we listened to the words of Dr. Bryce Jordan, new president of Penn State, this week.

And the farm community throughout the state can express a collective sigh of relief that in his early days in office he is voicing his support of agriculture as a primary continuing commitment of Penn State as a land grant educational institution.

A good deal of credit for this early pro-ag stance can go to ag trustees, the Ag Advisory Council, state ag officials and particularly, Ag College Dean Sam Smith who have taken Dr. Jordan out into the soil of the state and to shake the hands that work that soil. And I'm sure that Dr. Jordan is personally sincere in his support of agriculture.

A couple of examples of this ag exposure was this week's Ag Advisory Council trip from Erie to Lancaster and Dr. Jordan's appearance before vo-ag teachers on the Penn State campus even earlier. There's just no subsitute for appreciating the extent and diversity of Pennsylvania agriculture and the tremendous stake that the Commonwealth has in it than by getting out "amongst it."

And that stake extends even beyond the borders of Pennsylvania. Northeastern agriculture will become even more allied with Penn State when the ambitions to make the university an ag computer center are realized.

Dr. Jordan's position on ag is even more welcomed when you consider what is happening at some other land grant institutions. Auburn down in Alabama is a good example.

As Auburn's program continued to expand primarily into Liberal Arts disciplines, it got farther and farther away from its original mission in ag and engineering.

Then, an attempt was made to reverse this trend and get it back on its basic original educational course. And what resulted was a Liberal Arts uprising among the staff that has brought news descriptions such as "lynchers" and academic "hit squad." And, now there's just a lot of turmoil on the Auburn campus that's not conducive for anyone's educational interests.

We might suggest that Alabama ag leaders take a lesson from their counterparts in Pennsylvania. Perhaps, they just waited too long to get their story across. Pennsylvania's ag community has done its homework well and the field trips aren't hurting any either.

And the efforts of these ag leaders will not only benefit agriculture but the entire Commonwealth as well.

ANOTHER MILK IDEA

Richard Brown, a Penn State ag graduate who now teaches an environmental course in Manheim Township Schools in Lancaster County, stopped by with a milk promotion idea.

He recalls his days at Penn State and the college cafeteria program.

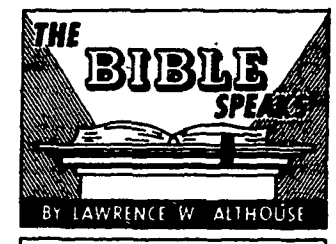
The meal ticket you bought included the right to visit a milk machine in the cafeteria as often as you wanted.

He asks why can't this idea be utilized in every public school and other places of higher learning in the state?

Of course, it helped at Penn State to use its own quality-assured milk that was always fresh and tasty.

As he points out, it's a simple idea but one that deserves a little consideration.

So how about it?



STARTING AND FINISHING

July 31, 1983

Background Scripture:
2 Chronicles 24.
Devotional Reading:
Matthew 27: 3-10.

There's an old saying that "All's well that ends well." But some of us pay a lot more attention to impressive beginnings. We like to celebrate at weddings, ship launchings, ground-breaking ceremonies, baptisms, store openings, ribbon cuttings, and you name it. But there are a lot of things with heralded beginnings whose endings are largely ignored. Yet the ending along can justify the anticipation of the beginning.

DID WHAT WAS RIGHT

Take for example the case of King Joash. He began his reign with lots of promise: "And Joash did what was right in the eyes of the Lord all the days of Jehoiada the priest." Furthermore, Joash also performed a fine act in getting the nation started in restoring the house of the Lord. And when the Levites did not get going on that project as the King desired, he was successful in getting the people to respond to the challenge. In fact, when the work of restoration was all finished, there was even enough money left over to buy new utensils for the house of God. This optimistic passage comes to a close with these comforting words:

"And they offered burnt offerings in the house of the Lord continually all the days of Jehoiada."

Apparently Jehoiada the priest was a very strong influence on Joash. And, if the story had ended with the 14th verse of 2 Chronicles 24, all would be just fine: a king who wants to do right and allows himself to be influenced for good by a fine man of God.

But the story does not end with 24:14. It goes on to tell us that Jehoiada at last becomes very old and dies. And, when he has been buried, the princes of Judah come to King Joash to presuade him to follow a different course than the one laid out by Jehoiada. It wasn't long before the princes of Judah were bringing the nation back to the curse of idolatry. And, just as he had followed the strong example of Jehoiada, now King Joash followed the strong lead of his princes.

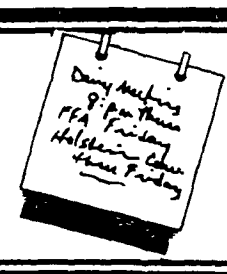
KINDNESS UNREMEMBERED

Just because Jehoiada is dead, however, does not mean that the kind is destitute of proper advice and counsel. God inspires the dead Jehoiada's son, Zechariah, and he pointedly challenges Judah back on the right course. But, Joash cannot stand criticism and his anger blinds him to the truth Zechariah is speaking. As the chronicler puts it, "the king did not remember the kindness which Jehoiada, Zechariah's father, had shown him, but killed his son."

For the better part of his life, King Joash had ruled in a very wise manner, following the good advice of Jehoiada. Yet, although he began well, he did not finish in the same way.

Somewhere along the road of life each of us needs to take a good hard look at the finish to which we are moving each day.

Farm Calendar



Saturday, July 30

Pa. Jersey Cattle Club District 5 picnic, farm of David & Donna Reusing.

Vegetable-Flower Open House, Rutgers Display Gardens & Vegetable Research Farms, 8:30 a.m. - 3 p.m., New Brunswick.

Dairy Day, Mirian & Albert Hack Farm, Briar Creek Twp.

Md.-Del. Brown Swiss State Show, Frederick, Md.

Delaware State Holstein Sale, 7 p.m, Fairgrounds, Harrington.

Sunday, July 31

SCSA's 38th annual meeting, Parkview Hilton Hotel, Hartford, Ct., continues through Wednesday.

Union County West End Fair, Laurelton, continues through Saturday.

Monday, Aug. 1

Columbia County 4-H Dairy Show, noon, Bloomsburg Fairgrounds.

Hunterdon County Sheep Breeders meeting, 8 p.m., Extension Center.

Morrison Cove Dairy Show, Martinsburg, continues through Friday.

Clearfield County Fair, continues through Saturday.

Tuesday, Aug. 2

York-Adams weed control meeting, 7 p.m., York 4-H Center, Bair.

Jacktown Fair, Wind Ridge, continues through Saturday.

Mercer County Pomona Grange Fair, Mercer, continues through Saturday.

New Stanton Farm and Home Fair, continues through Saturday.

Wednesday, Aug. 3

Lebanon County Holstein Field Day, Vincent Wagner Farm, Jonestown, 7 p.m.

Berks County FFA Market Hog Show and Sale, Leesport Auction. Show at 9:30 a.m.; sale at 6 p.m.

Migrant farm work meeting for Md., Pa., Del, Va. and W. Va. growers, 7:30 p.m., Salisbury, Md. State College.

Hunterdon County Board of Agriculture, 8 p.m., Extension Center.

Thursday, Aug. 4

York County Holstein picnic.

Beachley-Hardy Seed Marketing Symposium, Penn Harris Motor Inn.

Lancaster County Guernsey Breeders Field Day, 10:30 a.m., Scott & Susie Shoemaker Farm, R1 Kirkwood.

Hunterdon 4-H Dairy Show, 10 a.m. Flemington Fairgrounds.

Pa. Farmers Association

(Turn to Page A12)

OUR READERS WRITE,
AND OTHER OPINIONS

Dear Editor:

Regarding some of the milk promotion ideas, I strongly disagree with some of the ideas suggested. First, I enjoy milk (good quality milk) for breakfast and as an evening snack. I do not want it with a meal and I feel it is totally unfair for the dairyman to insist that only milk be served at banquets and farm sales. Second, the dairyman needs to reach the non-farm consumer more with advertising than the farming community.

We are all farmers. We produce a nutritious product for the consumer. The consumer should be allowed by choose the product he wants based on his needs, tastes, income, etc. Remember: margerine is produced from a farm product, soybeans or corn oil.

Dairymen, you have a right and there is a great need to promote your product, but you do not have the right to force your product and products on others. We are all farmers and each of us have our own interests, but we can all work together for the benefit of all. Farmers produce a nutritious product for the consumer. This product is marketed in many ways. Remember the consumer has, or should I say must have, the right to accept or reject any product.

P.S. Hope the Dairymen are planning to celebrate at the fairs this year with Milk Punch?

B.D. Hutschenreuter
R2 Airville

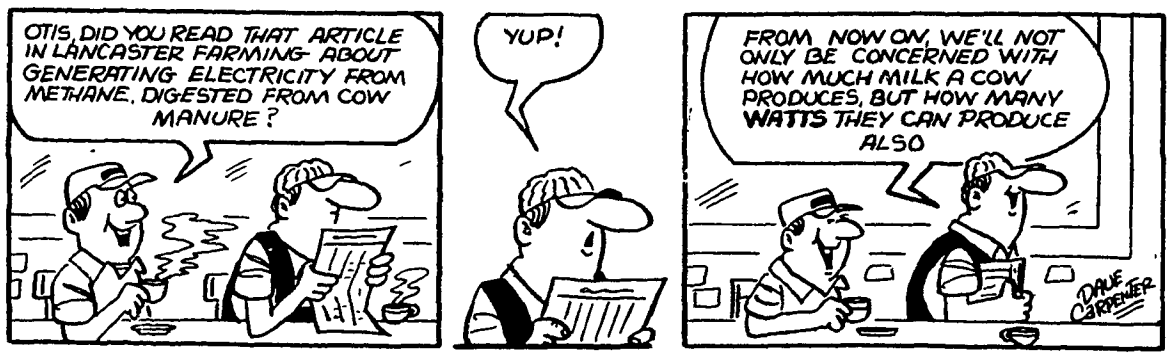
NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

OTIS

HAPPY FIRST ANNIVERSARY


OTIS, DID YOU READ THAT ARTICLE IN LANCASTER FARMING ABOUT GENERATING ELECTRICITY FROM METHANE, DIGESTED FROM COW MANURE?
YUP!
FROM NOW ON, WE'LL NOT ONLY BE CONCERNED WITH HOW MUCH MILK A COW PRODUCES, BUT HOW MANY WATTS THEY CAN PRODUCE ALSO
DAVE CARPENTER

To Prepare The Silo

The corn crop is developing rapidly and soon it will be silo filling time. The condition of the silo should receive some attention before the new corn crop is ensiled. Many of the concrete silos may be pitted and have a rough inside surface. This will allow air pockets and cause moldly silage. Some inside joints may need to be repointed in order to keep out the air and have a smooth surface.

Don't wait until the silo filler is coming before you make these repairs.

Silage is one of the best and most economical feeds on our farms today; let's not spoil it after it is in the silo.

To Fertilize Strawberry Plants

Most strawberry growers have realized very good returns from their plants in recent years. The prices are favorable. In order to realize the maximum yield next spring, we suggest the plants be

(Turn to Page A12)

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The "REAL" Seal is part of a nationwide program to help consumers quickly identify genuine dairy products. McDonald's is the first fast-service restaurant to use the "REAL" Seal for a wide variety of its dairy foods.

The "REAL" Seal assures that McDonald's milk, soft-serve cones and sundaes, shakes, cheese and butter are all real, wholesome dairy products.

So don't settle for artificial dairy items. Come to McDonald's—where you'll always find the "REAL" Seal and genuine, delicious dairy foods.

Now is the Time

(Continued from Page A10)

well fertilized this summer. An application of 20 to 30 pounds of actual nitrogen per acre over the plants during July or August should give strength to new runners and increase fruit yields. This application should be made when the plants are dry in order to avoid burning the leaves. Ammonium nitrate is one of the good nitrogen fertilizers to use. In the home garden use about one-fourth pound of ammonium nitrate per 100 square feet of bed space. Good care of the strawberry plants this summer will bring about better yields next June.

To Beware of Lightning Danger

Summer temperatures often bring severe thunder and lightning storms; we've had some in recent weeks, and no doubt there will be more to come. We urge parents to warn their youngsters of the danger of seeking shelter under a tree or swimming in a pond or creek before and during a storm. Safety in a truck, car or a building should be encouraged as the storm approaches as well as during the storm. Stay away from electric fences and farm equipment that is out in the open.

Buildings with lightning rods should be checked to be sure the rods are grounded in moist soil and free of debris that would prevent the cable from taking the charge into the ground.

To Reduce Feed Cost By Using Alternative Feed Grains

Swine producers may be able to lower their feed cost by utilizing alternative feed grains. Using a value of $3.50 per bushel for corn, the value of other grains to producers on a corn-supplement program are:

	cents/lb.	bushel weight	$/bushel
Barley	5.31	48	2.55
Oats	5.00	34	1.70
Wheats	6.25	60	3.75
Milo	6.25		

These values represent the upper economical limit to pay for these alternative grains. If these grains are available at a cheaper price then they should be substituted for corn, suggests Chester D. Hughes, Extension Livestock Agent.

Producers who use a corn-soybean meal-base mix feeding program can gain more value from these grains, since these producers can take advantage of the high protein levels of these grains. Similar values for this type of program would be:

	cents/lb.	bushel weight	$/bushel
Barley	5.50	48	2.64
Oats	5.14	34	1.75
Wheat	6.34	60	3.80
Milo	6.21		

Farm Calendar

(Continued from Page A10)

Young Farm Couples Conference, Sheraton Inn, State College, continues tomorrow.

4-H Fair, Farm Show Complex, Harrisburg, continues through Saturday.

Friday, Aug. 5

Central Jersey Holstein Show, Flemington Fairgrounds, 10 a.m.; Hunterdon 4-H Beef Show, 4 p.m.

Wheat Threshing steam and gas engine show, between Denton and Federalsburg, Md., continues through Sunday.

Eastern Arabian Horse Show, Devon, continues tomorrow.

Saturday, Aug. 6

Montgomery County 4-H Sheep Club Show, 4-H Center, in Lansdale, 9 a.m.

Clinton County Fair, Mill Hall, continues through next Saturday.

Greene County Fair, Waynesburg, continues through next Saturday.

270 HEAD SELLING

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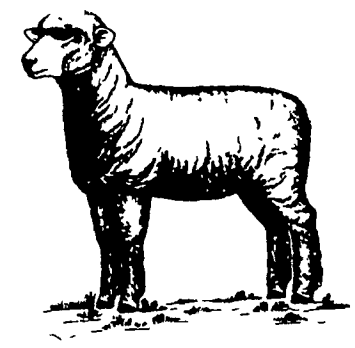
ESSEX COUNTY FAIRGROUNDS
WESTPORT, NEW YORK
12:00 NOON



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40 - COMMERCIAL CORRIEDALES — 2-5 YEAR OLDS
25 - WHITE FACED CROSSBREDS — 2-3 YEAR OLDS
10 - COMMERCIAL POLLED DORSETS - 4 YEAR OLDS
20 - COMMERCIAL HORNED DORSETS - 3-7 YEAR OLDS
15 - BLACK SHEEP - CORRIEDALE BASE - 2-5 YEAR OLDS

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Livestock market and auction news

Four States Livestock

Hagerstown, Md.
Wednesday, July 20
Report supplied by auction

SLAUGHTER: Fed Steers- steady. Choice 57.00-58.75; Good 53.00-56.00; Medium 52.00-down. Heifers- Choice 52.00-53.00; Good 47.00-51.00; Medium 46.00 down. Cows- 2.00 under last week. High Yield 42.50-44.75; Average 39.00-42.00; Big Middle 35.00-38.00; Fatty Herf. 34.00-37.00; Shelly 37.00 down. Fat Bulls- Mostly steady. Good 50.00-52.25; Medium 46.00-49.00. Veal Calves- Choice 72.00-76.00; Good 65.00-71.00; Medium 55.00-64.00; Farm Hfrs. to 72.50; Farm Bulls to 63.00; Light & weak 42.00 down. Lambs- No Choice offered. Good & Medium 38.00-40.00.

STOCKER: Steers 300-550 lbs.- 1.00 lower. Choice 60.00-64.00; Good 55.00-59.00; Medium 50.00-54.00; Culls 49.00 down. Steers 600-850 lbs.- Choice 58.00-62.00; Good 51.00-57.00; Medium 50.00 down. Heifers (all weights)- Choice 47.00-49.00; Good 41.00-46.00; Medium 40.00 down. Bulls- Choice 60.00-67.00; Good 51.00-59.00; Medium 50.00 down. Dairy Cows- to 540.00. Springing Heifers- to 800.00. Pigs Hd.- Steady prices. 20-35 lbs. 14.00-25.00; 40-70 lbs. 26.00-41.00. Slaughter Hogs- .50 lower. 210-230 lbs. 45.75-46.75; 240-260 lbs. 44.50-45.50; 190-205 lbs. 41.00-44.60. Sows- 300-525 lbs. 29.00-32.25; Thin Sows 25.00-28.00.

Dewart Livestock

Dewart, Pa.
Monday, July 25
Report supplied by PDA

CATTLE 243: Compared with last Monday's market, slaughter steers 1.00-2.00 lower. Slaughter cows 2.75-4.00 lower. Choice 1050-1390 lbs. No. 2-4 slaughter steers 60.00-64.50, few Good 56.50-60.25, few holsteins 54.00-55.00, Standard 50.00-54.00. Few Choice slaughter heifers 58.00-62.50, few Good 53.50-60.00, few Standard 47.00-52.00. Utility & Commercial slaughter cows 38.50-42.50, couple 44.25, Cutters 37.75-39.50, Canner & Low Cutter 34.75-37.75, Shells down to 27.50. Few Good slaughter bullocks 55.25-56.75. Yield Grade #1 920-1750 lbs. slaughter bulls 45.85-53.75; yield grade #2 730-1200 lbs. 40.85-45.00. Couple 385 lbs. holstein feeder heifers 50.00.

CALVES 244: Few Choice vealers 82.00-92.00, few Good 60.00-81.00, Standard & Good 70-105 lbs. 49.00-59.00, Utility 50-85 lbs. 40.00-50.00. Farm calves, holstein bulls 90-130 lbs. 60.00-85.00, couple to 90.00.

HOGS 214: Barrows & gilts .50-.75 higher. US No. 1-2 210-235 lbs. barrows & gilts 47.30-48.30, No. 1-3 200-235 lbs. 43.60-46.90. US No. 1-3 300-635 lbs. sows 29.00-33.25. Couple Boars 28.00 and 29.00.

FEEDER PIGS 139: US No. 1-3 20-45 lbs. feeder pigs 19.00-27.00 per head, one lot No. 1-3 75 lbs. 33.00 per head, couple lots No. 1-3 90 and 100 lbs. 40.00 and 41.00 cwt.

SHEEP 63: Choice 60-100 lbs. spring slaughter lambs 49.00-55.50, Good 60-80 lbs. 46.00-50.00. Slaughter ewes 13.00-21.00.

East Coast Carlot

Wednesday, July 27
Report supplied by USDA

Compared to Tuesday's close: Veal trade slow. Few sales prime special fed veal generally steady. Good and Choice boning veal 1.00 higher; no inshipped veal reported. Spring lamb not well established, few sales steady. Boneless beef trade slow. Few sales 90 pct chem lean 2.00 to 4.00 higher than last week. Beef trimmings mixed, 65 pct chem lean 1.50 lower; 50 pct chem lean steady to 1.00 higher.

VEAL CARCASS
Prime (Special Fed)
Hide On 35 Head

220-280 lbs., few 160.00, generally steady.

Good & Choice
Boning Type
Hide On

Northeastern Suppliers: all 1.00 higher. 65-75 lbs. 82.00-84.00; 55-65 lbs. 80.00-82.00; 45-54 lbs. 78.00-80.00; 35-44 lbs. 76.00-78.00; 34 lbs. down 74.00-76.00.

Inshipped: No sales reported.

SPRING LAMB BEEF
Choice and Prime 3-4
9 Loads

55 lbs. down 115.00, few 118.00, steady; 55-65 lbs. 115.00; 65-75 lbs. 115.00.

BONLESS BEEF
US & Canadian Origin
1½ Loads

Compared with last week 90% Chem Lean, fresh 114.00, 2.00 to 4.00 higher.

BEEF TRIMMINGS
9 Loads

Compared with last week 65% Chem Lean, fresh 69.50, 1.50 lower.

50% Chem Lean, fresh 46.00, steady to 1.00 higher.

Lancaster Feeder Cattle

Friday, July 23
Report supplied by USDA

Today	381
Last Friday	343
Last Year	194

TREND: Feeder steers slow, 1.00-3.00 lower. Supply included about 150 offered for sale in lots of 5-12; balance mainly in lots of three or less.

FEEDER STEERS: Medium Frame 1: Couple lot 680-765 lb. 57.00. Medium Frame 1-2: Couple lots 520-550 lb. 54.25-54.50; one lot 325 lb. 58.25; one lot 705 lb. 53.00. Large Frame 2 Holsteins: One lot 880 lb. 48.50; couple lots 565-730 lb. 46.25-47.25; few 800-985 lb. 42.00-43.50.

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PROBLEM: Verticillium Wilt
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PROBLEM: Anthracnose
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PROBLEM: Phytophthora Root Rot
SOLUTION: **Grow with W-L 220 or W-L 318** depending on winter severity

PROBLEM: Winter Kill
SOLUTION: **Grow with W-L 220** high winter hardiness

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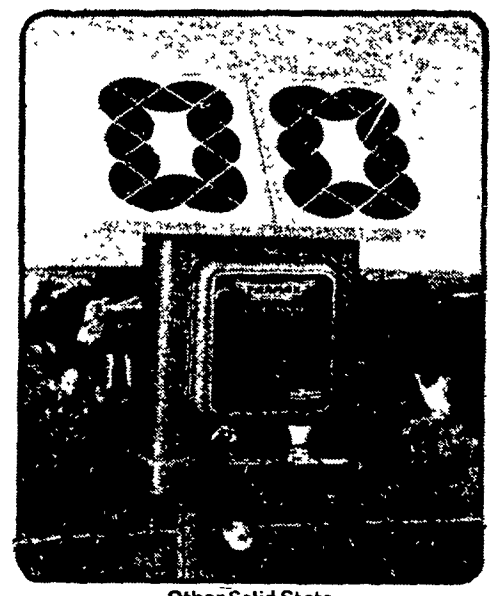

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Livestock market and auction news

Leesport Auction

Leesport, Pa.
Wednesday, July 27
Report supplied by PDA

CATTLE 313: Supply included 61 feeder cattle. Compared with last Wednesday's market, slaughter steers steady to 1.50 lower. Slaughter cows steady to 1.00 lower. Slaughter bulls weak to 1.00 lower. Few High Choice & Prime 1200-1350 lbs. slaughter steers 62.25-65.75, Choice 1000-1265 lbs. 59.00-63.10; Good & Choice 1250-1450 lbs. holsteins 53.25-56.75, Good 55.00-59.35, few 60.85, Standard 50.00-55.50. Few Choice slaughter heifers 56.85-59.10, few Good 50.00-56.50. Utility & Commercial slaughter cows 42.00-43.75, one 45.00, Cutters 38.50-42.50, Canner & Low Cutters 34.00-38.50, Shells down to 25.75. Good slaughter bullocks 54.00-61.25, Standard (few) 47.35-53.60. Yield Grade #1 1260-2300 lbs. slaughter bulls 50.00-53.75. Few Medium Frame #1 350-375 lbs. feeder steers 54.50-58.50, 800-935 lbs. 50.00-52.00, few Large #2 715-755 lbs. 45.50-49.00. Lot Medium Frame #1 575 lbs. feeder heifers at 45.50. Few Large & Medium Frame #1 550-600 lbs. feeder bulls 49.00-54.00.

CALVES 161: Vealers grading Good 5.00 lower, Standard & Low Good steady to 3.00 lower. Few Choice vealers 70.00-75.00, Good 58.00-68.00, few Standard & Good 110-130 lbs. 52.00-55.00, 90-110 lb.s 47.00-52.00, 65-90 lbs. 40.00-47.00, Utility 50-85 lbs. 30.00-40.00, few 90-110 lbs. 40.00-44.00. Farm Calves: Holstein Bulls 90-130 lbs. 54.00-65.00; few Hol. Heifers 95-110 lbs. 51.00-60.00.

HOGS 346: Barrows and gilts steady to .50 higher. US No. 1-2 220-240 lbs. barrows and gilts 45.85-46.00, lot 47.00, No. 1-3 195-255 lbs. 44.50-46.00, few No. 2-3 260-280 lbs. 41.25-43.75, No. 1-3 160-190 lbs. 39.50-43.00. Sows steady to 1.00 lower. US No. 1-3 300-600 lbs. sows 30.00-31.75, few 33.75. Few Boars 28.00-29.00, few Light Weights 30.75-32.00.

FEEDER PIGS 298: US No. 1-3 20-40 lbs. feeder pigs 68.00-86.00, No. 1-3 40-55 lbs. 59.00-66.00, lot No. 1-3 100 lbs. at 75.00, lot No. 1-3 150 lbs. at 43.50. ALL SALES PER HUNDREDWEIGHT BASIS.

SHEEP 29: Few Choice 40-50 lbs. spring slaughter lambs 70.00-73.00, one 89.00, Good & Choice 55-60 lbs. 46.00-61.00, few Utility & Good 55-85 lbs. 41.00-43.00. Slaughter sheep 12.00-18.00.

GOATS 20: Few Adult 32.00-37.00, Large Kids 19.00-27.50, few Small Kids 7.50-11.00.

Belknap Livestock

Dayton, Pa.
Wednesday, July 27
Report Supplied by PDA

CATTLE 106. Compared with last Wednesday's market, slaughter cows mostly 50 cents lower. One Standard slaughter steer at 51.50. One Choice slaughter heifer at 58.50, few Good 50.00-55.25, few Standard 44.00-50.00. Utility & Commercial slaughter cows 40.00-43.00, couple 45.25 and 46.50, Cutters 38.00-41.00, Canner & Low Cutter 32.50-38.00, Shells down to 25.00. Few Yield Grade #1 and #2 1000-1525 lbs. slaughter bulls 45.00-48.75. Few Medium Frame #1 365-410 lbs. feeder heifers 50.00-56.00, few 400-600 lbs. 40.00-45.50; few Medium & Large Frame #1 555-670 lbs. feeder bulls 48.00-52.00, few Large Frame #2 410-575 lbs. 41.00-43.00.

CALVES 81. Standard & Good 90-120 lbs. vealers 47.00-55.00, 65-85 lbs. 40.00-51.00. Farm calves, holstein bulls 90-125 lbs. 55.00-69.00; few holstein heifers 80-105 lbs. 55.00-75.00; beef cross bulls & heifers 65-110 lbs. 54.00-62.00; Slaughter calves, grading Good & Choice 185-340 lbs. 49.00-62.00.

HOGS 217. Barrows & gilts $1 to $1.50 lower. US No. 1-2 215-235 lbs. barrows & gilts 45.00-46.00, No. 200-250 lbs. 44.90-45.40, No. 2-3 200-255 lbs. 42.85-44.10, one lot No. 1-3 180 lbs. at 41.00. Sows steady. US No. 1-3 290-525 lbs. sows 30.00-36.25, few No. 2-3 395-535 lbs. 28.00-30.00. Few Boars 25.00-30.50.

FEEDER PIGS 114. US No. 1-3 20-30 lbs. feeder pigs 13.00-20.00 per head, No. 1-3 30-40 lbs. 20.00-26.50, one lot Utility 30 lbs. 13.00 per head.

SHEEP 11. One lot Choice 105 lbs. spring slaughter lambs 45.50, one lot Good 56 lbs. at 40.00.

Peach market news

Wednesday, July 27
Report supplied by PDA

Week two of the Peach Market News reports sporadic picking causing tight supplies and low volumes. Demand has been moderately strong but true market activity has not begun and will not until volume picks up.

Last weeks' wind storms did little damage to the peach crop but considerable amounts of apples were reported lost.

Red Havens are ripening nicely and picking by the weekend is planned.

New Jersey reports $14.00, $15.00, $16.00 for 2 1/8" up and 2¼" up for all early varieties. Low volume. Red Havens are to be picked by the weekend. No weather damage reported.

Baltimore wholesale market reports: 2¼" U.S. Extra #1, $20.00 - not moving; 2¼" U.S. Extra #1, $17.00 out of Georgia; 2½" U.S. Extra #1, $17.00-18.00 out of South Carolina; Small, ungraded, not cooled peaches from Pa. and Md., $7.00.

Blue Goose, Hagerstown, reports very light out of West Virginia, Virginia and Maryland. One-half load this week, 2" up $11.00-12.00; 1 7/8" up $6.50.

The prices below are wholesale, truckload, f.o.b. for Berks, Adams, Franklin and York Counties.

Summary

38# cartons U.S. Extra #1, 2¼" up Dixie Red - $14.00.

38# cartons U.S. Extra #1, 2" up Erli Glo, Early Red Haven - 11.50-12.00 m. 11.50.

Orchard Run ½ bu. crates Dixie Red, Garnet Beauty, Early Red Free, Erli Glo, Early Red Haven, Sun Haven, Early Collins & Harbell - 5.00-5.50 m. 5.50.

Level ½ bushel crates Methley Plums - 7.50.

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I will share helpful guidelines on roof maintenance of steel roofs by brushing on at prime time.

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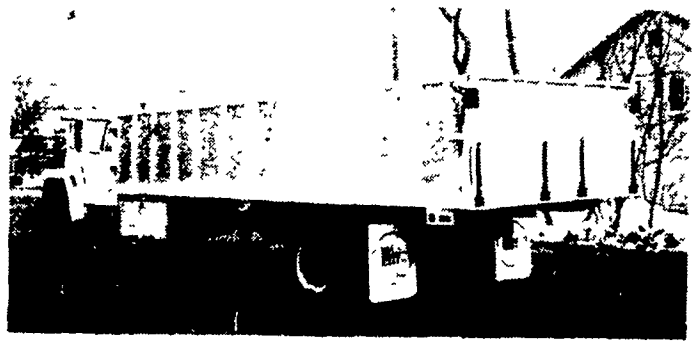

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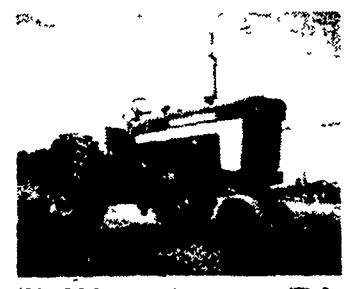
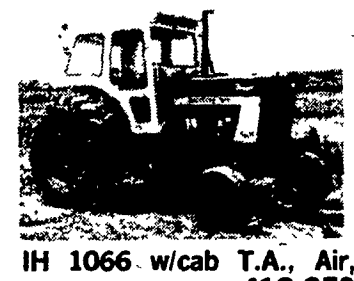
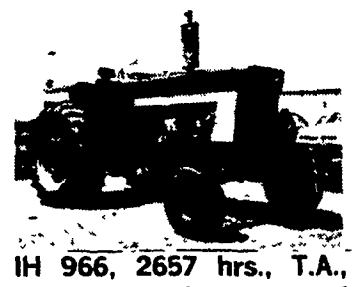


IH 460 gas tractor w/T.A., power steering $2,350

IH Cub Low Boy w/model 1000 loader & 2 buckets..... $2,350



IH 1066 w/cab T.A., Air, Three Point $13,950



IH 966, 2657 hrs., T.A., three point, real sharp $12,700

John Deere 4230 Sound Guard Body and Quad Range..... $15,900

Hesston model 1090, only cut 20 acres $5,350

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John Deere 350 Crawler Loader w/Winch..... $9,500
John Deere 34 Harvester w/ one row Cornhead & Pickup Attachment $1,550
IH Corn Picker $1,075
IH 5 Bottom Plow $2,850
IH 8' Disk Harrow $400
Oliver Drill $375
John Bean Sprayer $1,500
Dunham Loader $1,950
NI 325 2R Picker $4,350
JD 2840 w/1450 hrs., 18.4x34 rears, one of a kind $13,400
JD 2640 w/146 loader, hi-lo shift, R&P axle, 2103 hrs., real clean..... $14,700
JD 350 diesel crawler loader w/winch..... $9,500
Steiger Cougar model 251 4 outlets, 813 hrs..... $49,850
IH 203 gas combine w/2 row C.H., 10' plat. and pickup reel $3,950
MF #12 baler w/bale ejector and hyd. control, real sharp..... $1,350
IH 46T baler w/bale ejector, nice, clean baler..... $1,050
Case VAC w/eagle hitch..... $475
JD 24T Baler, real sharp, no thrower $950
JD 1209 mower conditioner
IH C Real Clean
IH 350 Gas Tricycle TA Fast Hitch
IH 340 Gas Tricycle Fast Hitch
Brillion 10' Roller Harrow
IH Fast Hitch 7' Mower
New Holland 275 Baler w/Thrower
NH 479 Haybine
JD 3-14" F125 Plow
Grove Fg. Wagon w/roof
JD 640 Rake
JD 400 Grinder-Mixer
IH 105 Combine 10' head and cab

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Joliet Cattle

Thursday, July 28

Report supplied by USDA

Friday through Wednesday's salable receipts 1950; 5 days last week 1845; same period a year ago 2316. Trading moderate for the week. Mixed High Choice and Prime steers ended the week mostly 1.00 higher compared with Wednesday of last week. Good to average Choice Steers ended the week steady to .50 higher. Slaughter Heifers closed the week steady to 1.00 higher.

SLAUGHTER STEERS: Mixed high Choice and Prime 3-4 1200-1400 lbs. 63.00-63.25 Monday, 63.00 Wednesday. Choice 2-4 1050-1300 lbs. 61.00-62.25 Monday; 60.00-62.00 Wednesday. Mixed Good and Choice 2-3 1000-1150 lbs. 59.00-61.00 Monday; 58.00-60.00 Wednesday. Mixed Good and Choice 2 1200-1350 lbs. Holsteins 52.00-52.50.

SLAUGHTER HEIFERS: Choice Few Prime load 3-4 1070 lbs. 60.75 Monday, load mostly 3 1050 lbs. 61.00 Wednesday. Choice 2-4 900-975 lbs. 59.00-60.00 Monday; 58.00-60.00 Wednesday. Mixed good and Choice 2-3 850-1000 lbs. 57.00-59.00 Monday; 56.00-58.50 Wednesday.

New Holland Horse

New Holland Sales Stables

Monday, July 25

Report supplied by auction

Reported receipts of 181 head of horses, mules, and ponies. Market: stronger.

Driving horses 350.00-1250.00.

Riding horses 350.00-600.00.

Lightweight killers 275.00-350.00; Heavyweight killers 375.00-535.00.

Mares 30.00-75.00; Colts 15.00-25.00; Geldings 30.00-75.00; Larger ponies 125.00-235.00.

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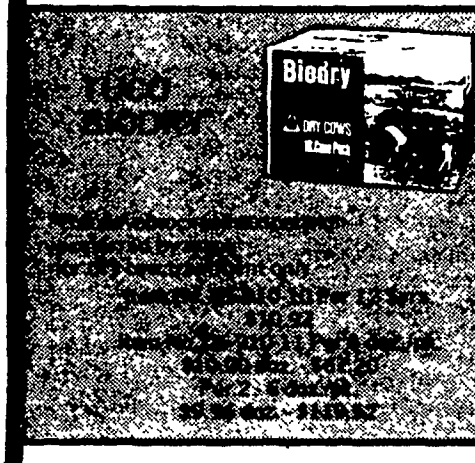
$12 95



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Item No. 00-085-10 Per 250 cc $12.95
Per 12 Each $12.45

The Webcor Zip 720

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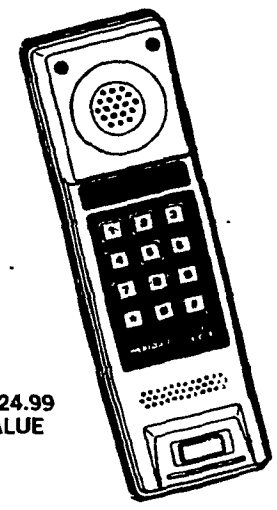

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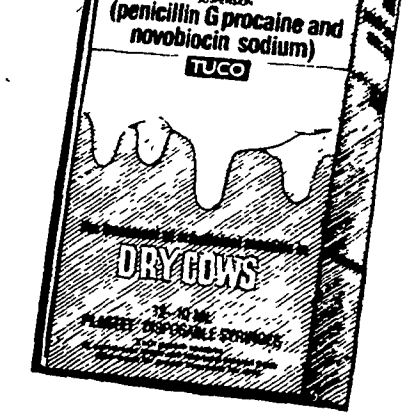

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Per 12/10 ml. Syringes $13.44
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Livestock market and auction news

St. Louis Cattle

Thursday, July 28
Report supplied by USDA

Receipts This Week	3700
Week Ago	3900
Year Ago	4000

Compared to the previous week, Slaughter Steers and Heifers steady, Costs mostly 2.00, instances 3.00 higher, most advance on boning Utility Bulls firm to 1.00 higher. Slaughter supply mainly Choice and Mixed Choice and Prime Slaughter Steers, around 35% Heifers and 10% Cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1275 lbs. 61.00-62.00, closing 61.50-62.00, part load 2-3 1150 lbs. 63.00. Choice 2-4 975-1250 lbs. 60.00-61.50, closing sales 60.50-61.50. Mixed Good and Choice 2-4 900-1175 lbs. 58.00-60.50. Good 2-3 900-1150 lbs. 56.00-58.50. Mostly Good 2-3 1075-1300 lbs. Holsteins 50.00-54.50. Package Mixed Good and Choice 2-3 1150 lbs. 56.00. Few Standard 2-3 1100-1350 lbs. 45.00-50.00.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 875-1075 lbs. 59.00, load 59.50. Choice 2-4 850-1050 lbs. 58.00-59.00; 800-850 lbs. 56.00-58.00. Mixed Good and Choice 2-3 850-1000 lbs. 56.00-58.00. Good 2-3 750-950 lbs. 53.00-56.00.

COWS: (Closing week sales) Utility and Commercial 2-4 38.00-40.00. Boning Utility 1-2 40.00-42.00. High-yielding Utility 1-2 42.00-43.00. Cutter 1-2 37.00-39.00. Canner and low Cutter 1-2 34.00-37.00. Shelly Canner 1-2 29.00-34.00.

BULLS: YG 1-2 1100-1800 lbs. 46.00-52.00. YG 1-2 1600-1900 lbs. 53.00-54.00.

Wednesday's weekly sheep auction Receipts about 725 head. Compared last Wednesday, spring Slaughter Lambs steady to firm. Best demand for weights over 100 lbs. Feeder Lambs steady in a lightly tested trade. Supply mainly Spring Slaughter Lambs.

SPRING SLAUGHTER LAMBS: Choice and Prime 102-125 lbs. 47.00-51.00, mostly 49.50-50.50. Several lots 90-100 lbs. 42.00-48.00. Choice 75-100 lbs. 40.00-42.00. Lot good 93 lbs. 35.00.

SLAUGHTER EWES: Few lots Utility and Good 11.50-13.00. Few aged bucks 8.00-10.00.

FEEDER LAMBS: Scattered lots Choice and fancy 61-90 lbs. 40.50-44.00.

BREEDING EWES: Lot Good 152 lbs. solid mouths 14.00.

FEEDERS: (Including around 900 at the regular Thursday auction). Feeder steers and heifers fully steady, instances firm to 1.00 higher. Good buyer attendance and demand fairly good for bulk of represented grades and weights. Overall quality improved somewhat, compared with past several weeks. Supply mainly medium frame 1 500-900 lb. steers and 300-750 lb. heifers.

FEEDER STEERS: Medium, Few Large Frame 1: 500-600 lbs. 58.00-61.25; 600-700 lbs. 58.00-59.75; 700-800 lbs. 55.00-59.50; 825-875 lbs. 54.50-55.75.

Medium Frame 1-2 and Few Small Frame 1: 575-800 lbs. 50.25-57.50, mostly 54.00-56.25.

Large Frame 2 Holsteins:

375-1050 lbs. 43.25-45.75; Lot 450 lb. bulls 41.50.

BULLS: Medium Frame 1: Several lots 375-600 lbs. 52.00-55.75.

FEEDER HEIFERS: Medium, Few Large Frame 1: 300-735 lbs. 49.25-52.50.

Medium Frame 1-2 and Few Small Frame 1 475-525 lbs. 44.50-47.50.

Omaha Cattle

July 28, 1983
Report Supplied By USDA

Weekly 51 — Cattle — Slaughter steers and heifers through Wednesday of this week steady to 50 cents higher than last week's closing levels. Slaughter cows steady to 1.00 higher. Slaughter bulls 1.00 lower.

Prices on steers and heifers held sharply higher Monday and Tuesday but by midweek, a very slow movement of beef from the coolers and lower beef prices prompted buyers to turn bearish at midweek, nearly erasing early week gains. Slaughter cow prices were lower Monday, but advances in cow beef prices prompted an upturn on live cows by midweek.

Four day receipts this week 8866, week ago 8909, last year 7441; steers comprised 47 pct of this week's receipts, heifers 36 pct, cows 10 pct, feeders 5 pct.

STEERS: Scattered loads and part load choice 2-4 1050-1250 lbs. 60.50-62.50, load 62.75. Mixed Good and Choice 2-3 1000-1150 lbs. 60.00-61.00. Few Good 58.00-60.00.

HEIFERS: Scattered loads and part loads choice 2-4 950-1100 lbs. 58.50-59.75, load 60.50. Mixed Good and Choice 2-3 1000-1150 lbs. 60.00-61.00. Few good 58.00-60.00.

Average of 15 214 detailed quotations for choice 900-1100 lb. steers 61.40, 1100-1300 lbs. 62.48. Average cost of steers this week 61.55, average weight 1115 lbs. as compared to 61.88 and 1123 lbs. last week. Average cost of heifers this week 58.76, average weight 978 lbs. as compared to 59.66 and 994 lbs. last week.

SLAUGHTER COWS: High cutter, utility and commercial 1-3 38.50-42.50 cutter 1-2 37.00-40.00. canner and low cutter 35.00-38.00.

SLAUGHTER BULLS: 1-2 1100-1800 lbs. early in the week 48.00-52.50.

G&M Livestock

Monday, July 25
Duncansville, Pa.
Report supplied by auction

Dairy Cows (31 traded): 420.00-980.00 per head.

SLAUGHTER CATTLE: Steers-Choice 60.00-63.25; Good 56.00-60.00; Standard 52.00-56.00; Utility 48.00-52.00. Heifers- Choice 60.00-62.25; Good 54.00-60.00; Standard 50.00-54.00; Utility 46.00-50.00. Cows- Choice 44.00-46.00; Good 40.00-44.00; Standard 38.00-40.00; Utility 36.00-38.00; Cutters 34.00-36.00; Canners down to 30.00. Bulls-1100-1950 lbs. 52.00-58.85; 900-1100 lbs. 44.00-54.00.

FEEDER CATTLS: Steers-Choice 300-600 lbs. 50.00-60.00. Heifers- Choice 300-600 lbs. 46.00-56.00.

CALVES: Vealers- Prime and High Choice 85.00-92.00; Good and Choice 70.00-85.00; Standard 50.00-70.00; Utility down to 35.00. Farm Calves- Holstein bulls 90-120 lbs. 85.00-107.00; Heifers 90-120 lbs. 70.00-89.00.

HOGS: Barrows and Gilts- 200-240 lbs. 47.00-48.65; 170-300 lbs. 37.00-46.00. Sows- 300-600 lbs. 29.75-37.75.

FEEDER PIGS: 25-35 lbs. 10.00-22.00 per head; 35-50 lbs. 22.00-30.00.

SHEEP: Slaughter lambs- 70-110 lbs. 46.00-58.50. Ewes 12.00-22.00.

GOATS: 12.00-38.00.

Chambersburg Auction

Chambersburg, Pa.
Thursday, July 28
Report supplied by PDA

CATTLE: 421. Compared with last week's market: Slaughter steers steady; Sl. cows .25-.50 higher. Sl. steers: Choice 980-1280 lbs. 58.35-60.85, one at 61.75; Good 53.00-56.75, few holsteins 52.00-54.00; Standard 48.85-52.50. Sl. heifers: (few) Choice 54.00-58.50; (few) Good 49.35-53.00; (few) Standard 48.25-50.50. Sl. cows: Utility & Commercial 39.50-44.00; Cutters 39.00-41.50; Canner & L. Cutter 34.75-39.25; Shells down to 32.00. Sl. bullocks: (few) Good & Choice 53.50-56.50. Sl. bulls: Yield Grade No. 1, 1000-1640 lbs. 46.10-53.10; (few) Yield Grade No. 2, 860-990 lbs. 39.75-44.85.

FEEDER CATTLE: Bulls, Medium Frame No. 1, 375-725 lbs. 36.00-46.00.

CALVES: 485. Choice 75.00-84.00; Good 55.00-68.00; 70-100 lbs. 50.00-58.00; Utility 50-90 lbs. 33.00-50.00.

FARM CALVES: Hol. Bulls 90-130 lbs. 57.00-88.00, mostly 70.00-82.00; Hol. Heifers 85-130 lbs. 55.00-69.00.

HOGS: 48. one lot No. 1-3 207 lbs. at 47.60; Sows (few) US No. 1-3 275-425 lbs. 29.50-31.75. (few) Boars 24.50-27.25.

FEEDER PIGS 92. US No. 1-3 30-50 lbs. 10.00-21.00 per head.

SHEEP: 11. one lot Utility & Good 60 lbs. at 37.50.

GOATS: 18. (few) Large 19.00-52.50. (few) Kids 4.00-8.00 per head.

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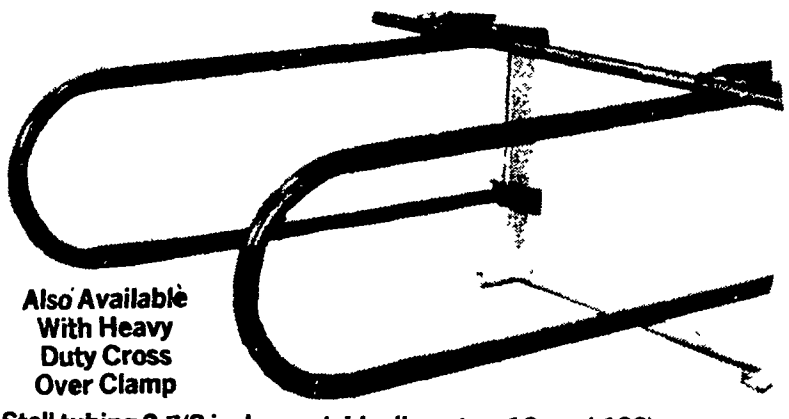

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Livestock market and auction news

Indiana Auction

Homer City, PA.
Thursday, July 28
Report supplied by PDA

CATTLE: 94. Compared with last week's market: Sl. cows steady to weak. Sl. steers: (few) Choice 58.00-58.50; (few) Good 55.00-57.00; Standard 49.00-54.00; (few) Utility 48.00-50.00. Sl. heifers: (few) Standard 49.00-52.50. Sl. cows: Utility & Commercial 40.00-44.00, few to 45.75; Cutters 37.50-41.00; Canner & L. Cutter 33.00-38.00; Shells down to 26.00. Sl. bullocks: (few) Good 53.00-54.50. Sl. bulls: (few) Yield Grade No. 1, 1100-1600 lbs. 48.00-49.75; (few) Yield Grade No. 2, 800-1300 lbs. 46.00-48.25.

FEEDER CATTLE: Steers, Medium Frame No. 1, 500-650 lbs. 55.00-57.25. Heifers, (few) Medium Frame No. 1, 600-700 lbs. 45.00-48.00.

CALVES: 160. Vealers grading Good & Choice mostly steady, Standard & Good 5.00 higher. Choice 66.00-86.50; Good 55.00-67.00; 90-120 lbs. 50.00-65.00; 60-85 lbs. 41.00-52.00.

FARM CALVES: Hol. Bulls 90-120 lbs. 65.00-89.00; Hol. Heifers 90-120 lbs. 75.00-108.00.

HOGS: 138. Barrows and gilts .50-1.00 lower. US No. 1-2 46.25-47.50; (few) No. 1-3 200-245 lbs. 46.00-46.40; one lot No. 2-3 255 lbs. at 44.00; (few) No. 1-3 160-170 lbs. 42.00-43.25; Sows US No. 1-3 350-500 lbs. 31.00-32.50. Boars 26.25-30.00.

FEEDER PIGS 37.00. US No. 1-3 20-25 lbs. 14.00-16.00; one lot No. 1-3 40 lbs. at 25.00 per head.

SHEEP: 70. Spring lambs 3.00-4.00 lower. Choice 80-95 lbs. 49.00-52.00; Good 75-85 lbs. 45.00-48.00; Good 60-70 lb. feeders 40.00-44.00. Sl. ewes: 9.00-16.00.

GOATS: 10. 11.00-20.00 per head.

New council member selected

UNIVERSITY PARK — John Stewart, Collegeville, has been selected as one of 24 council members of the 1984 Pennsylvania 4-H Leadership Congress. The selection was made at the end of this year's Congress held on Penn State's University Park campus. He will work specifically with the Story Tellers program.

As part of his responsibility, he will be returning to Penn State in early August to evaluate this year's Congress and to do initial planning for 1984.

Leadership Congress provides 4-H'ers with the opportunity to develop leadership skills and to discuss current youth concerns while having fun, making new friends and seeing Penn State. In the Story Tellers program, 4-H members sharpen their communication skills by telling the 4-H story in one of four areas: Radio, Photo, Newswriting, and the production of Teen Leader Beat, the annual newsletter of Leadership Congress.

PA. RETAIL PRODUCE

Fruit & Vegetable Hotline

Thursday, July 28
Report supplied by PDA

LODI APPLES: 1.20¼ peck; 2.50½ peck; 3.40 peck; 5.00 ½ bushel.
APRICOTS: .85 lb.
YELLOW BEANS: .70 lb.
GREEN BEANS: .75 lb.; .89 qt. 12.50 bushel; .25 lb. PYO.
ITALIAN BEANS: .75 lb.
BLUEBERRIES: 1.10 pt.; 1.85 qt.
RED RASPBERRIES: 1.79 pt.
BLACKBERRIES: 1.00 pt.
BROCCOLI: .75 bunch.
RED BEETS: .50 bunch.
CABBAGE: .19 lb.; .59 head.
SWEET CORN: 1.50-2.50 doz; averaging 2.00 doz.
CUCUMBERS: 4/1.00.
CAULIFLOUR: .79-1.49 according to size averaging 1.15 head.
CIDER: 2.50 gal.
CARROTS: 1.75 qt.; .39 bunch.
SWEET CHERRIES: .95 pt.; 1.50 qt.; 1.59 lb.
TART CHERRIES: 1.50 qt.
HONEY: 1.75 lb.
LETTUCE: .55 head.
MUSHROOMS: 1.35 12 oz.
NECTARINES: .65 lb.
GREEN ONIONS: .35 bunch.
SWEET ONIONS: .35 bunch.
COOKING ONIONS: .39 bunch.
PARSLEY: .29 lb.
PEACHES: .59 lb.; 1.30 qt.; 1.59 ¼ peck; 2,85 ½ peck.
SHELL PEAS: .50 lb.
SUGAR PEAS: .85 lb.
POTATOES: .25 lb.
PEPPERS: 5/1.00.
HOT PEPPERS: .05 each.
RADISHES: .30 bunch.
PLUMS: 1.10 qt.; .69 pt.; .73 lb.
RHUBARB: .50 bunch.
FUCCHINI SQUASH: .39 lb.
TOMATOES: .59-.99 lb. according to size averaging .85 lb.
HYDROPONIC TOMATOES: .99 lb.
WATERMELON: 2.25 each.
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DILL .25 each.
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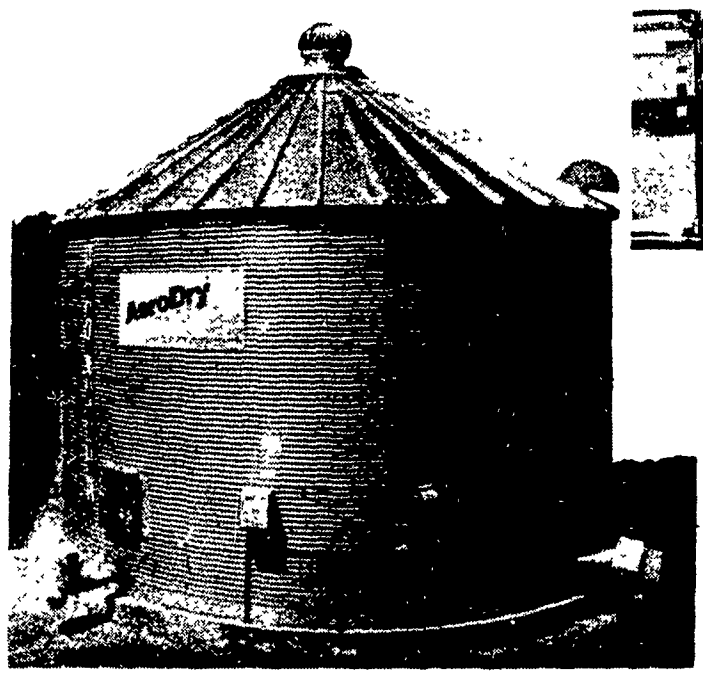

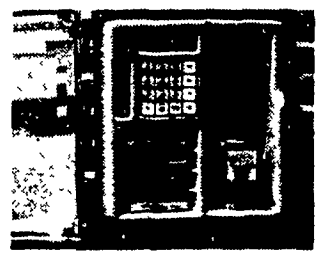

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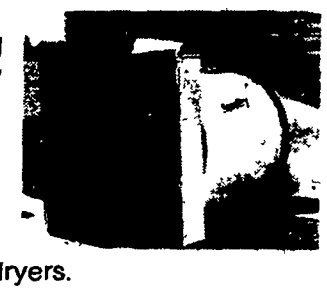

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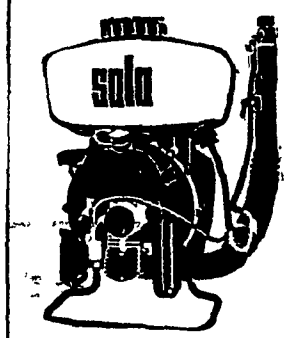

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U. of Del. gets ag engineering award

NEWARK, Del. — The University of Delaware has been selected to receive the 1983 R. J. Reynolds - NASDA (National Association of State Departments of Agriculture) Award for Excellence in Agricultural Technology Instruct for the Northeast.

The award, which nes with a $3,000 nonrenewable spend, was presented June 27 at a banquet during the Northeastern Association of State Departments of Agriculture (NEASDA) convention in Jeffersonville, Vt. It recognizes the quality of instruction of the university's agricultural technology program, which prepares students for careers in technical areas of agribusiness and related fields.

One school in each of the association's four regions was selected to receive the grant for use in further development of instructional programs. The award was accepted on behalf of the university by Dr. Herschel A. Elliott, assistant professor of agricultural engineering in the College of Agricultural Sciences.

According to Elliott, the grant will be used to buy a microcomputer. The department already has one such unit; a second will make it possible to give students hands-on classroom experience and so augment their current extensive training on the university's mainframe computer.

Many small businesses and some farmers now are using microcomputers because of their relatively low cost. For this reason, Elliott said, the department feels a need to train students in their use. "This will allow us to better prepare our graduates for agricultural careers which are becoming more technical and computer-oriented," he said.

The first course students take as freshmen agricultural engineering majors covers the fundamentals of programming on a mainframe computer, and engineering problem-solving and analysis. "We try to stress that the computer is just a tool to be used in solving problems," Elliott said.

The college's agricultural engineering technology program features coordinated and continuous computer education, ranging from the basic introductory freshman course to advanced courses requiring computer-based analyses of agricultural problems dealing with farm machinery selection, engine performance, fluid power systems, lighting and beam design. Many students also use the computer for independent study projects on such timely topics as water quality, energy use, machinery management and livestock environment management.

The University of Delaware agricultural engineering technology program currently has an enrollment of 79 undergraduates. When they complete their studies, they will be prepared for positions such as plant engineers, farm equipment managers, construction supervisors and technical sales representatives, in which the computer is becoming increasingly important.

Penrose Hallowell, secretary, Pennsylvania Department of Agriculture, left, congratulates Herschel Elliot, assistant professor of agriculture at the University of Delaware, on the school's selection to receive a regional award for excellence in agricultural education from the National Association of State Departments of Agriculture (NASDA) and R.J. Reynolds Industries, Inc.

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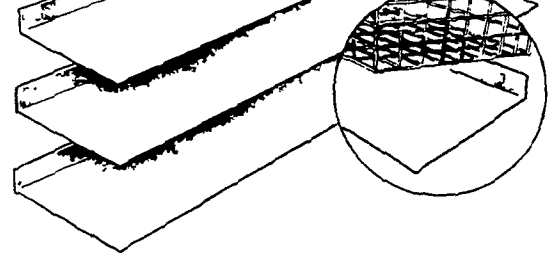

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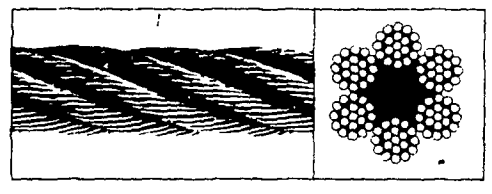

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E-town fair to feature supreme champion

ELIZABETHTOWN — Cotton candy may beckon a youngster to the fair while homemakers and gardeners may want to scrutinize the rows of handsome canned vegetables. But for farmers, a fair is its animals.

In the last several years, the agricultural part of the Elizabethtown Fair has grown by leaps and bounds and 1983 is no exception. This year's fair, which runs Aug. 30 through Sept. 3, promises to be bigger and better than ever.

Highlighting the livestock shows is a new event in which the best of show winners in dairy, beef, sheep and swine competitions will vie for the title of supreme champion. The event is scheduled for Thursday, Sept. 1 at 7 p.m. prior to the sale of champions.

A committee of judges will select the supreme champion, choosing whichever livestock representative is closest to its ideal type. *Groff Meats, Inc.*, of Elizabethtown is sponsoring the award, a cup trophy which the winner will keep for one year. The trophy may be retired only after two consecutive yearly wins by the same exhibitor.

But that's not all the news in livestock showing at Elizabethtown. In fact, there's something new in almost every department!

— Two open dairy shows — one for adults and youth from any county in the state and a youth show for youth only — will be featured this year in the brand new, 60-by-100-foot livestock facility. Over 100 dairy entries are expected. The open show for adults and youth features six additional classes this year.

— The beef department is split into two divisions this year — a division for 4-H and FFA animals not selling and one for those animals selling at the sale of champions.

Construction continuing

ELIZABETHTOWN — Two more dates have been set aside for finishing construction on the new livestock building at the Elizabethtown fairgrounds.

The fair association is looking for 20 to 25 volunteers today and on Thursday, from 9 a.m. to noon.

The fairgrounds are located along East High Street just east of the elementary school.

— For the first time, adults are being allowed to exhibit sheep alongside youth in an open show expected to draw over 100 entries. In addition, a market lambs category is open to youth only.

— Swine entries are also expected to top 100, and this year FFA and 4-H members from six school districts are eligible. They are: Ephrata, Elizabethtown, Manheim, Penn Manor, Donegal and Lower Dauphin.

— Also, fair officials are hoping to build on last year's first dairy goat show; a new rabbit hutch has been built for the youth rabbits show, and the field and forage crop show is being moved from the Brethren in Christ Church fellowship hall to a tent on the fairgrounds.

No exhibitor may enter more than eight animals or 10 items per department. Also, fair entries for all live exhibits must be postmarked by Aug. 15.

Fair premium books — and entry forms — are available upon request at Brandt's Farm Supply, Rep. Kenneth Brandt's Elizabethtown office, and the Farm & Home Center in Lancaster.

Plowing contest schedule set

YORK — Plowmen from all over the country, representing state competitors, will be in York, Aug. 11-13, 1983, to vie for the National Plowing Championship and the honor of competing in international competition at the World Ploughing Contest.

The national contest is being held in conjunction with the York County and Pennsylvania State Contests, at the York County 4-H Center west of York on Rt. 116, between York and Spring Grove. Plowing contests, featuring small plow, antique plow, and large plow competitions will take place on the John Shearer farm adjacent to the 4-H Center.

Spectators are welcome free of charge, although there will be a $1.00 parking fee per vehicle. Agricultural exhibits will be open from 9 a.m. to 5 p.m. all three days. Tillage equipment demonstrations will take place from 1 p.m. to 3 p.m. on Thursday and Friday.

The York County Contest will be staged at 10 a.m. on Thursday, August 11; the State Contest at 10 a.m. on Friday, August 12, and the National Small Plow at 9 a.m., the National Antique Plow at noon, and the National Large Plow at 2 p.m., on Saturday, August 13.

A deep pit beef banquet is scheduled for 7 p.m. on Friday, August 12 at the 4-H Center. Banquet Tickets can be obtained at the Chamber of Commerce office, at 13 MarketWay East, at a cost of $12.50 per person. Banquet tickets will be sold on a first-come, first-serve basis, so it is best to purchase them early in advance of the contest.

Pennsylvania Plowmen, Pennsylvania winners in 1982, who will plow in the USAPO National Contest are Gary L. Crain, Cumberland County, Large Plow; Jay Stoner, Cumberland County, Small Plow; and Robert N. Miller, Dauphin County, Small Plow.

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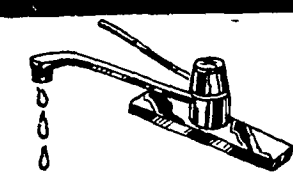

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Black & whites shine in York spotlight

(Continued from Page A1)

serving on the Board of Directors for the National Association.

Seipt moved at a good pace through the classes. Choosing from among many fine quality animals, Seipt selected a fancy senior 2-year-old exhibited by C. E. Hubbard as the Grand Champion of the show. Hubbard claimed the titie with, Kowraygen Creek Linnan Jean, who also won best udder in her class.

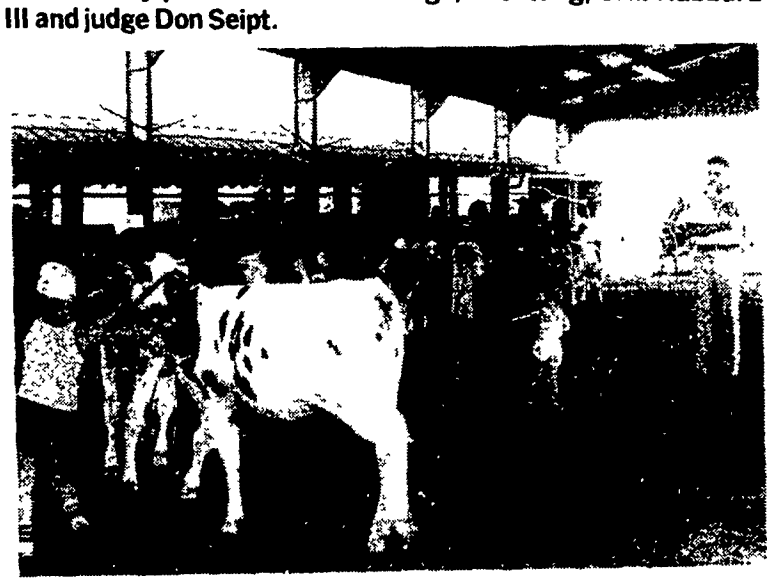
Fourteen-year-old Hubbard, won Reserve Senior and Reserve Grand Champion the day before in the York 4-H Dairy Roundup.

A listing of the top three exhibitors in each class follows.

York Holstein Show
Jr Heifer Calf
1 Philka Holsteins, 2 Shannon Doll 3 Jennelle Boyer
Intermediate Heifer Calf
1 & 2 Sunnybend Farm 3 Angela Cooper
Senior Heifer Calf
1 Sunnybend Farm, 2 Amy Shoemaker 3 Andrew Ruhland
Junior Yearling Heifer
1 Bridgette Boyer, 2 David King, 3 Patty Bupp
Senior Yearling
1 Bridgette Boyer, 2 Leslie King, 3 Angie Cooper
Junior Champion
Bridgette Boyer
Reserve Jr. Champion
Bridgette Boyer
Jr. Get of Sire
1 Sunnybend Farm, 2 Kingway Farm, 3 Bridgeton Farm
Dry Cows 4 Yrs. & Under
1 & 2 Bupplynn Farms, 3 Coredale Farm
Dry Cow 5 Yrs. & Over
1 Bupplynn Farms, 2 Coredale Farm, 3 Lonnie-N Neva Robinson
Jr. 2-Year-Old
1 C E Hubbard, 2 Kevin Laughman, 3 Bapplynn Farms
Sr. 2-Year-Old
1 C E Hubbard, 2 Philka Farm 3 Kingway Farm
3-Year-Old
1 Sunnybend Farm, 2 Beshore Farm
4-Year-Old
1 David King 2 Bupplynn Farms, 3 Coredale Farm
5-Year-Old
1 Bupplynn Farms, 2 Barbara Kilgore Marks, 3 Beshore Farms
Aged Cow
1 Paul King, 2 Coredale Farm, 3 Beshore Farm
Senior & Grand Champion
C E Hubbard III
Reserve Sr. & Res. Grand
Paul King
Best Sr. Female Bred & Owned
LeRoy Bupp
Best 3 Females
1 Kingway Farm, 2 Sunnybend, 3 Bupplynn Farms
Produce of Dam
1 David King, 2 Philka Holsteins, 3 Jenelle Boyer
Dam & Daughter
1. Kinway Farm, 2 Sunnybend Farm, 3 David King

C.E. Hubbard won the York Black & White Show Grand Champion honors with his senior two year old entry, topping the aged cow reserve senior and grand champion of Paul King. From left are dairy princess Heidi VonLarge, Paul King, C.E. Hubbard III and judge Don Seipt.

Four York 4-H dairy exhibitors won the coveted Grand Champion rosettes in their breed categories. From left are David King, Holsteins; Brown Swiss winner David Krone; Paul Rauhausal and his Guernsey champ; and Sue Eisenhart with her Jersey honors winner.



"Kiddie" class competitors earned their first showing experience in a special category for them only during the York Black & White Show. It was also a first-time experience for judge Don Seipt.

Tapped to receive top York 4-H dairy showmanship awards were from left, Mike Welsh, Jana Beth Fanton and Jenelle Boyer.

1st Premier Exhibitor
Bupplynn Farms
1st Premier Breeder
Bupplynn Farms
2nd Premier Exhibitor
Beshore Farm
2nd Premier Breeder
Coredale Farm

Several scrubbings of her Jersey calf won the top junior division fitting award for rookie 4-H'er Kim McCleary, right. Senior winner was Mike Welsh, while Angie Shoemaker took the intermediate age class.

Keep an eye on judge & one on heifer.

BY JOYCE BUPP
Staff Correspondent

YORK — If you have a hankering to win a top showring award for how you handle an animal, "better learn to key one eye on the judge and one eye on your heifer".

That's the advice tendered by ten-year-old Jenelle Boyer, whose apt handling of a heifer far taller than the youngster won the junior division showmanship award at the York 4-H Dairy Roundup on Wednesday. Jenelle is the daughter of Mr. & Mrs. Thomas Boyer, Biesecker Road.

Veteran winner of showing competition; Jana Beth Fantom, earned top honors in the intermediate exhibition showmanship class. A 4-H dairy member for seven years, she adds advice to, "keep the animal calm and make sure the feet are in the proper place at all times."

Jana Beth, is the daughter of Mr. & Mrs. Donald Fantom, Delta, R1.

Senior winner Mike Welsh claimed his first showmanship award in his seven years of 4-H dairy exhibiting; then topped that by taking his age group honors in fitting also. Mike, age 15, is the son of Mr. & Mrs. James Welsh, East Berlin, R1.

Angie Shoemaker placed first in the intermediate fitting competition for her first time in three years of exhibiting. The twelve-year-old is the daughter of Mr. & Mrs. Leonard Shoemaker, Dover R2.

Rookie, Kim McCleary, making her debut on the tanbark, out-fitter all other contenders for the top spot, earning her praise from judge Ruth Ann Johns, Chambersburg.

The fitting and showmanship run-offs wrapped up a day-long roundup of dairy entries in the annual York 4-H show John Howard of Willow Street, was the official judge for the type judging of the nearly 100 head paraded across the arena at the York Fairgrounds.

A partial best of type placings follows-

ROUNDUP RESULTS
(F) denotes fitting winners
(S) denotes showmanship winners
Guernsey
Junior Calf
Blue-Annie M Rauhauser, (F&S)
White-Paul Rauhauser
Intermediate Calf
Blue-Chad Rutter (S)
Red-Christopher Staner (F)
Senior Calf
Blue-Matt Kessler (F)
Senior Yearling
Blue-Chad Rutter (S&F)
Junior and Reserve Jr. Champion
Chad Rutter
Jr. 2-Year-Old
Red-Jenelle Boyer (F&S)
4-Year-Old
Blue-Paul Rauhauser
Senior Champion
Paul Rauhauser
Reserve Sr. Champion
Jenelle Boyer
Grand Champion
Paul Rauhauser
Reserve Grand Champion
Chad Rutter
Brown Swiss
Intermediate Calf
Blue Christopher Fantom (S)
Red David Krone (S), Steve Eisenhart (F)
Senior Calf
Blue-Michael Welsh (F)
Junior Yearling
Blue-Christopher Fantom
Senior Yearling
Blue-David Krone (F&S) Amy Fantom (S)
White Steven A Eisenhart (F)
Junior Champion
David Krone
Reserve Jr Champion
Michael Welsh
Jr. 2-Year-Old
Blue-Michael Welsh (F&S)
Sr. 2-Year-Old
Blue-Lisa Kilgore (F)
4-Year-Old
Red Steven A Eisenhart (S)
5 Years & Over
Blue David Krone (S)
Red Mike Welsh (S&F)
White Jana Beth Fantom (S)
Senior and Grand Champion
David Krone
Reserve Sr and Reserve Grand Champion
Mike Welsh
Jersey
Intermediate Calf
Blue-Tim Fitzgerald, Annie Rauhauser
Red-Susan Eisenhart (S), Kimberly McCleary (F)
Junior Yearling
Blue-Andrea Kauffman (F)
Red-Kenton McCleary (S&F)
Senior Yearling
Blue-Susan Eisenhart
Junior Champion
Susan Eisenhart
Reserve Jr. Champion
Andrea Kauffman
Senior 2-Year-Old
Blue-Susan Eisenhart (S&F)
4-Year-Old
White-Andrea Kauffman
Senior, Grand, & Reserve Grand
Susan Eisenhart
Reserve Sr. Champion
Andrea Kauffman
Holsteins
Junior Calf
Blue-Toby Smith, Jenelle Boyer, (F&S), Shanon Doll, Kelly Morris (F&S)
Intermediate Calf
Blue-Angele Ann Cooper (S), Lesley King (S&F) Downa Doll (S&F)
Senior Calf
Blue-Richard Bupp, Scott Cooper (F&S), Andrew Ruhland (S)
Junior Yearling
Blue-Bridgette Boyer (S), David King (F), Patty Bupp (S&F), Robert Charles (S)
Senior Yearling
Blue-Bridgette Boyer, Lesley King (S), Angela Cooper (S)
Junior Champion
Bridgette Boyer
Reserve Jr. Champion
Lesley King
Jr. 2-Year-Old
Blue-C E Hubbard III (S)
Sr. 2-Year-Old
Blue-C E Hubbard III (S&F) Lesley King (F&S)
Red-Patty Bupp (S), Dana Doll (S)
3-Year-Old
Blue-Kelly Krebs (S)
Red Jenelle Boyer (S&F), Daryl Rohrbaugh
4-Year-Old
Blue-David King (S), Bridgette Boyer (S&F)
Aged Cow
Blue-Daryl Rohrbaugh (S), Dana Doll (S)
Red-David King (S&F)
Senior & Grand Champion
David King
Reserve Sr & Reserve Grand
C E Hubbard III
Showing Classes
8 11 Jenelle Boyer
12 14 Jana Beth Fantom
15 19 Mike Welsh
Fitting Classes
8-11 Kim McCleary
12 14 Angie Shoemaker
15 19 Mike Welsh
Junior Dairymen's Contest
Senior Division
1 Edwina Johnson, 2 David Krone, 3 Chip Johnson, 4 Kim Fitzgerald, and 5 Louis Gonzalez
Junior Division
1 Richard Bupp 2 Beth Charles 3 Bridgette Boyer 4 Bobbie Charles, and 5 Tim Warner

Manure is valuable resource

BELTSVILLE, Md — Animal waste is a valuable renewable resource, said animal scientist Joseph P. Fontenot at the Diamond Jubilee meeting of The American Society of Animal Science.

Intensive animal production systems in the U.S. have created a pollution problem in the disposal of animal wastes. However, Fontenot of Virginia Polytechnic Institute and State University says this waste can be economically used for livestock feeds, fertilizer and, to a lesser extent, for energy production (methane gas).

The most efficient use of animal waste is as animal feed. This is because farm animals can benefit from most of the nutrients, both organic and inorganic, remaining in animal waste, said Fontenot.

Fontenot said that to be used as feed, animal waste should be processed to destory disease-causing organisms, permit sanitary handling and storage, and maintain or improve palatability.

Using present technology the use of animal waste for methane production is the least economical use. This is because the equipment used to produce methane is expensive and complex to operate, he said.

Further research will find more effective uses for this importan resource, Fontenot observed.

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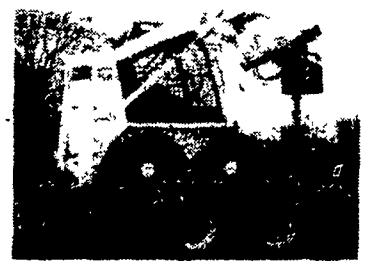

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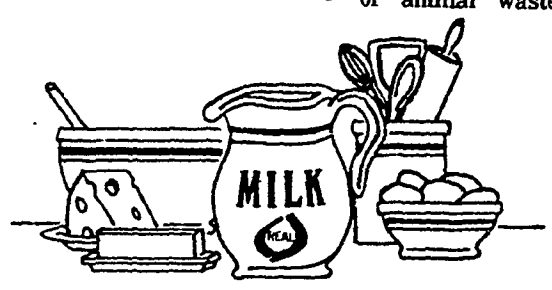

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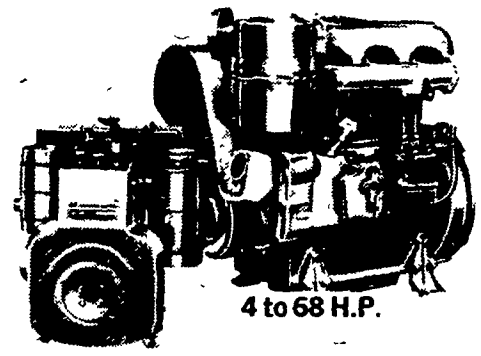

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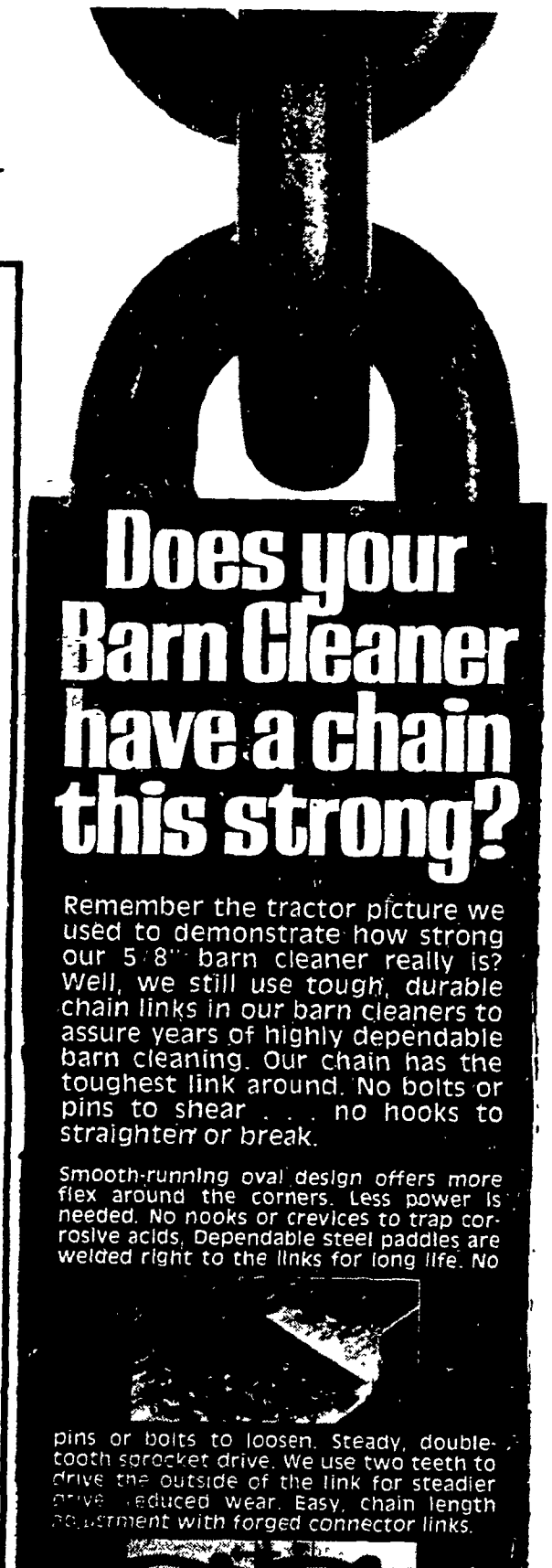

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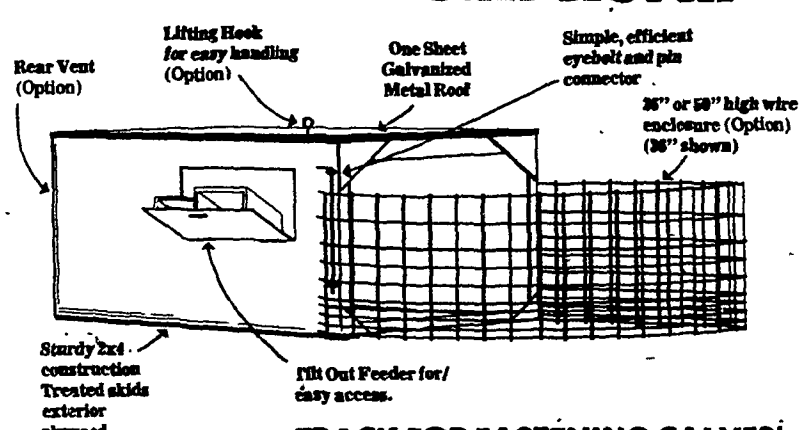
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Computers & precision in Egg Basket operation

BY DICK ANGLESTEIN

MOUNT JOY — A laying complex of four 81,000-bird houses, complete with mini-computers to control and monitor the egg processing lines, is nearing final completion near Mount Joy.

The Egg Basket, owned by J. Richard Myer, of R7 Manheim, actually began operation with the opening of the first house three years ago. Now, with construction done in three more phases, the entire complex is nearing completion with an open house planned on August 10.

The Egg Basket has several operational innovations built into the complex.

Most apparent as you walk from the office and reception area into the large egg room are the Radio Shack TRS-80 mini-computers installed on the processing line.

The egg room is equipped with two Seymour processing machines, which are capable of handling 70 cases an hour. The computers, which were just installed last month, monitor and control the processing of the eggs.

Each egg is electronically weighed eight different times and an average is instantaneously computed and recorded. The different weights for the seven grades of eggs are punched into the computer and the processor directs the eggs into the proper channel according to the weight grade.

The computer screen continuously monitors and updates the number of eggs in each grade.

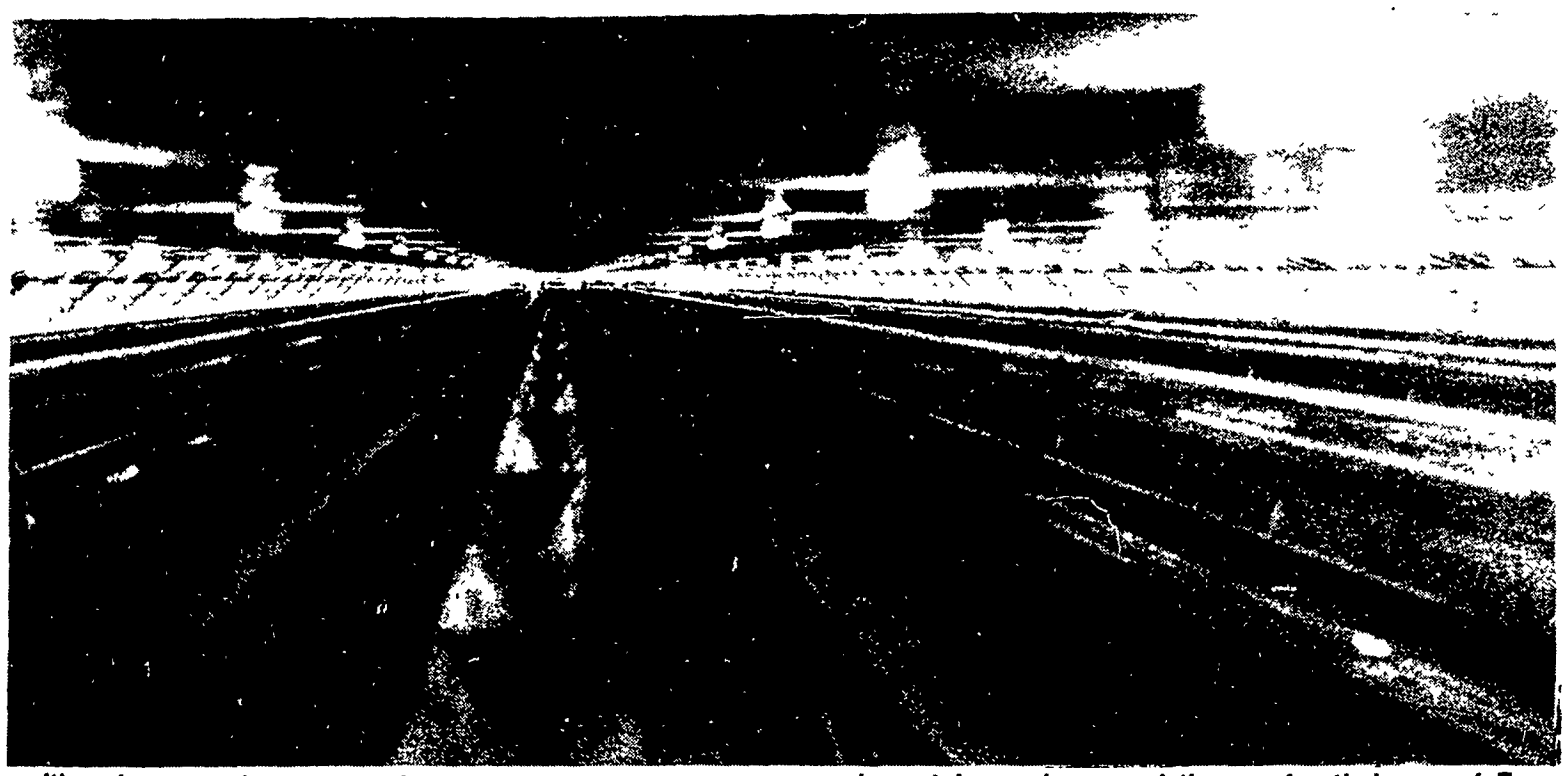
"The electronic weighing and the averaging of the eight readings that are taken are much more accurate," explains Larry Meyers, son-in-law who is married to Grace, one of the Myer daughters.

Another daughter Rachel, Myer and Meyers form a family operational partnership for the complex. The partnership suffered a tragic loss early last year when son, Joseph, was killed in an auto accident.

"We can take a daily readout of the eggs processed," Meyers explains.

"This can be compared to our feed consumption records and a continuing feed conversion rate per dozen of eggs can be quickly computed."

It's a long way



It's a long way from one end of an 81,000-bird chicken house to the other — more than 500 feet. Installation of equipment is nearing completion on fourth house of Egg Basket at R2 Mount Joy.

The complex, when in full operation, with some 324,000 birds, will turn out some 20,000 dozen of eggs per day.

Most of the eggs are processed to R.W. Sauder, Inc., egg dealer, at Lititz.

Another newer innovation is one of the first large-scale installations of a watering system by a Lancaster County firm, which is not traditionally known for poultry equipment.

The watering system is designed and marketed by Val-Products, Inc., division of the Vallorbs Jewel Co., jewel bearing firm of Bird-in-Hand. The company traditionally has specialized in jewel bearings and other precision parts.

The watering system, according to Meyers, features all stainless steel valves and seats. As they wear, the valves should seat themselves better, much as in an automobile, he said.

"Since there are no rubber or plastic parts in the watering system," Meyer said, "there should be less water going down into the manure pits."

The final two houses have the Val system and the first two are to be converted to the system. Favorite feeding equipment is in the first two houses and Diamond in the last two.

Following the opening of the first house at the R2 Mount Joy location in August of 1980, the second house went into operation in March of 1981. The third started up in May and the fourth will be filled following the August 10 open house.

A mix mill, with a capacity of 4 to 5 tons an hour, services the entire complex. Some 40,000 bushels of corn and 115 tons of soybean meal are binned at the site. Concentrate storage includes 32,000 lbs. per house, each more than 500 feet long. Limestone and oyster shells round out the ration.

The location is the former Joe Greiner farm, along Risser Mill Road. No grain is farmed and all of the feed is purchased for the operation.

Meyers, who hails from a dairy farm family in Franklin County, handles the day-to-day operation; while Rachel is in charge of the office.

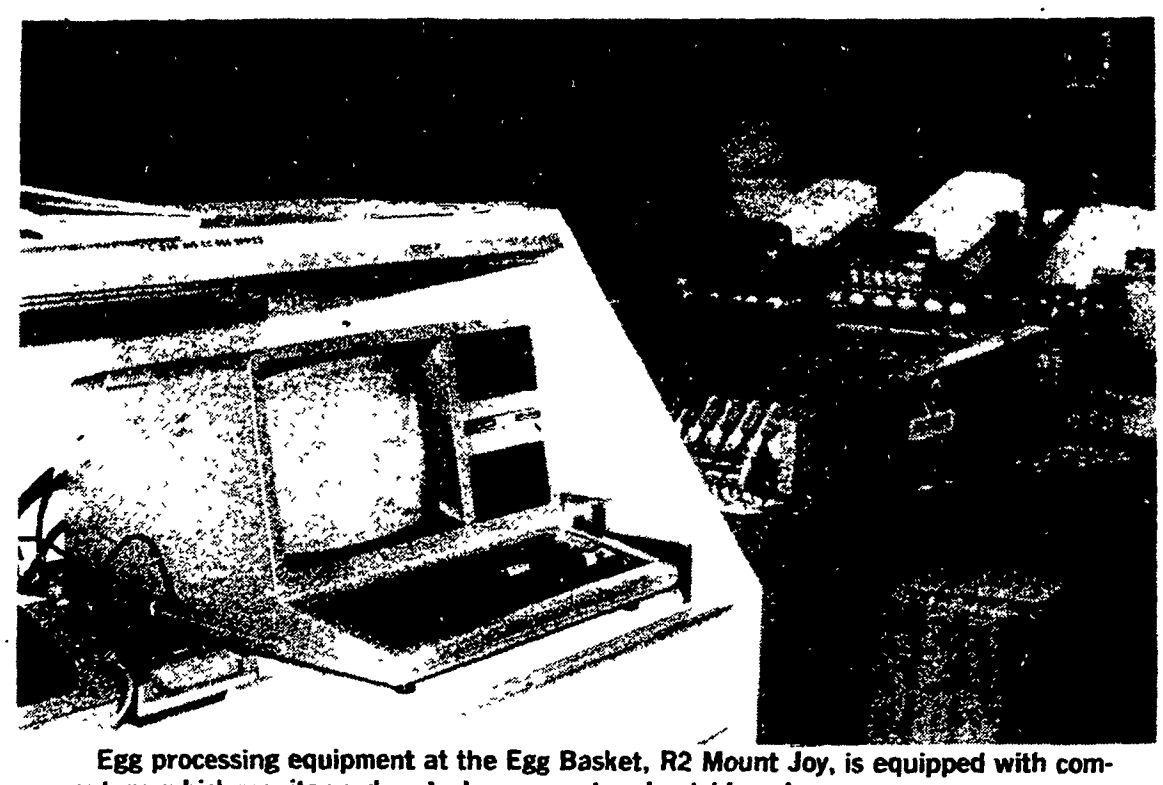
Family partnership

Involved in family partnership of Egg Basket are Rachel Myer and her brother-in-law Larry Meyers.

Packaging

Eggs are packaged for shipment to egg dealer R.W. Sauder, Inc. at Lititz.

Computer-controlled



Egg processing equipment at the Egg Basket, R2 Mount Joy, is equipped with computers, which monitor and control movement and weighing of eggs.

41 farm couples gather for co-op session

BY SALLY BAIR
Staff Correspondent

CHAMBERSBURG — Forty-one young farm couples gathered here last week at a conference sponsored by the Pennsylvania Association of Farmer Cooperatives to learn more about the cooperative way of doing business as well as share some of the joys and frustrations each faces in their own operations.

All of the couples were selected and sponsored either by individual farmer cooperatives or by groups of cooperative councils. What they had in common is membership in one of the 100 farmer cooperatives organized in the state.

Hal Doran, working cooperatively with Penn State and PAFC, led the learning sessions and told the group, "Farmers are the greatest beneficiaries of the cooperative system. The ultimate goal of a cooperative is to enhance the profitability of farming." Doran noted that Benjamin Franklin organized two of the first cooperatives in this nation, mutual insurance companies.

Doran also noted that being a director of cooperatives "is the toughest job in all agriculture." The couples got a chance to see just how tough it is to be a director as they broke into "mini-boards of directors" and worked on actual case studies. The boards of directors had to face such questions as how to get new directors, how to successfully handle a merger, equal treatment for all members, and how much time may be spent in community service.

Another learning experience for the couples came when they got the chance to ask questions of cooperative directors, managers and employees in small groups. The groups offered opportunities to ask about cooperatives in general, or about specific cooperatives in particular: artificial breeding cooperatives, Farm Credit, and rural electrics.

While not everyone is a member of a rural electric cooperative, all the young couples use plenty of electricity so questions centered upon future rates for electricity and ways of cutting consumption.

Two of the group sessions were devoted to milk, both handling and bargaining, and the questions on everyone's mind dealt with the surplus problem and the $.50 deduction, and how soon the additional $.50 will be added on.

According to Ken Risser, Production Credit Association, questions in the credit portion dealt primarily with the availability of money and interest rates.

Ken and Becky Schoenberg, dairy farmers from Chambersburg, reported on the year they spent as voting directors on the PAFC Board of Directors. Becky said, "It was truly a great experience."

Ken added, "The principle of cooperatives remains the same as when they were first organized-ownership by users and personal involvement. We must continue our efforts to strengthen our position. Be prepared when someone asks you to be involved."

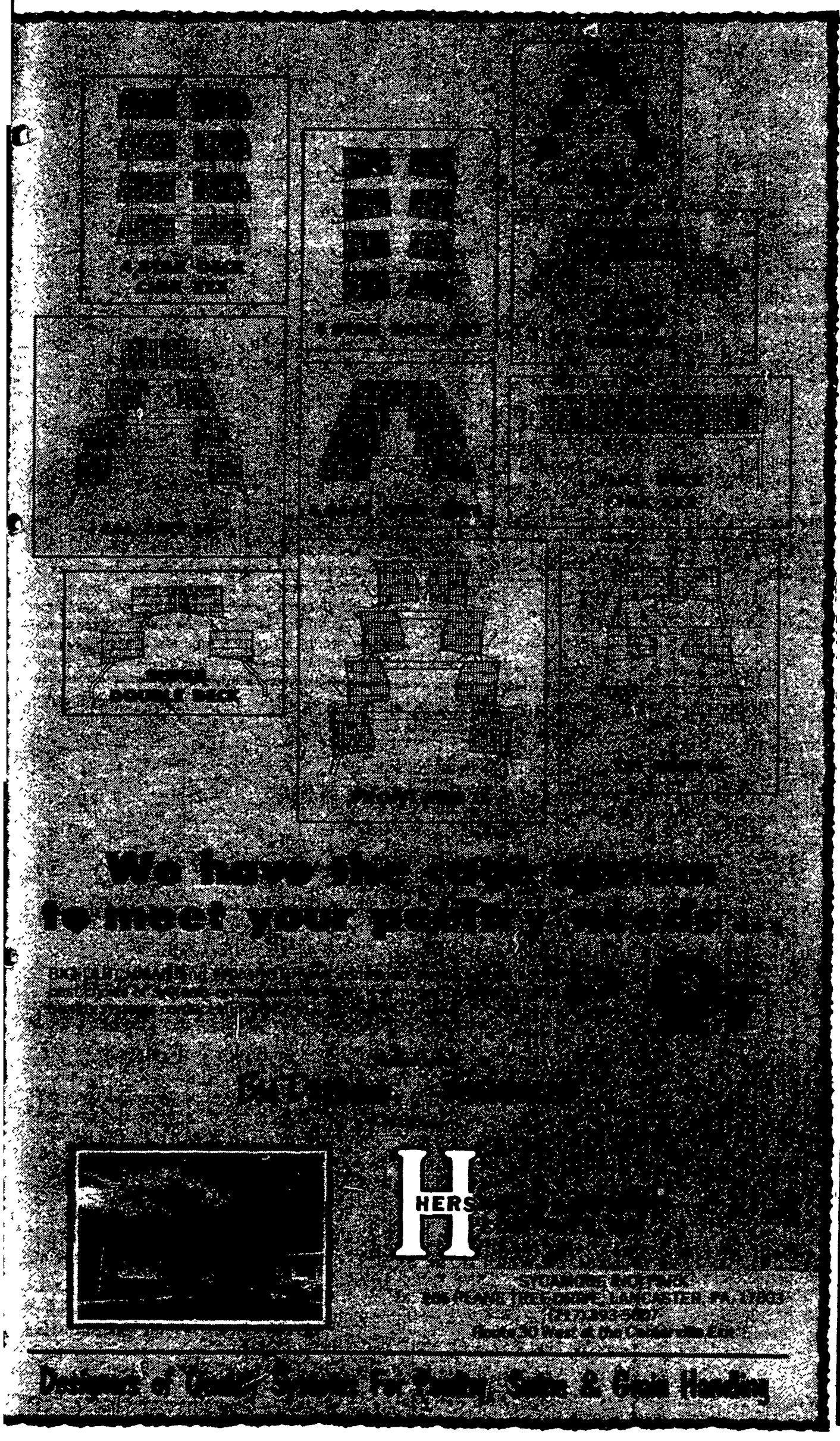
George Steele, former president of Agway and a member of the Board of PAFC, said, "Co-ops succeed because people work together to make them succeed. The real work and strength of PAFC will be through you and the work you do." He pointed out that "people working together can do things they couldn't do by themselves."

The conference allowed plenty of time for personal growth, and one of the most satisfying sessions for the young couples seemed to be the two where the men and women met individually to discuss some of the stresses and successes found in farming. Time for families, finances, expansion, communication and future goals were all discussed. While no concrete plans came from these discussions, the couples seemed to feel a strengthening in knowing that others shared many of the same problems and concerns.

One freetime activity which proved to be an eye opener for the couples, was a game designed to see how many cooperative brands they recognized from their supermarket shelves. Many were surprised to learn that such products as Ritter's catsup. Blue Diamond Almonds, Ocean Spray cranberry products, Snyder's of Berlin and Riceland rice are all grown and marketed cooperatively.

Kenneth Markley, a professional

(Turn to Page A24)



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Co-op session

(Continued from Page A23)

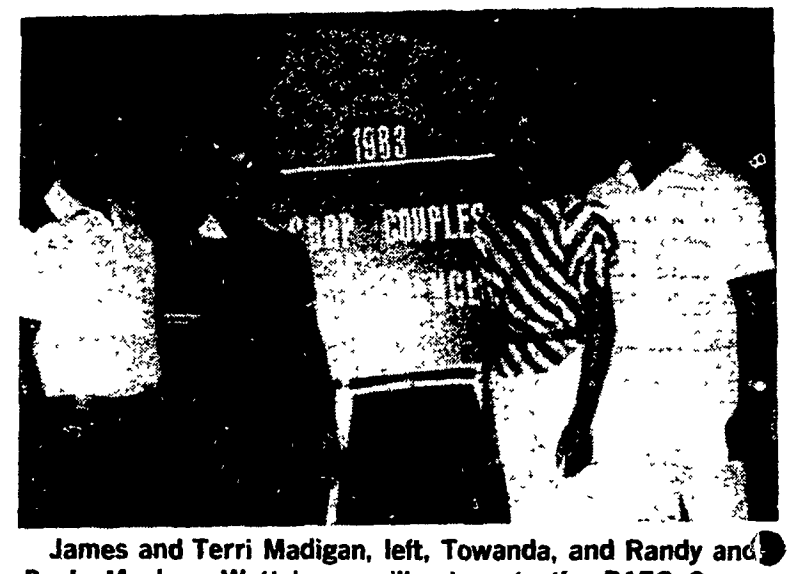
counselor in Camp Hill, offered some help in interpersonal relationships, telling the couples they need to offer encouragement to others because "most people are discouraged. The way to encourage people is to compliment them. Criticism is discouragement." Markley added, "One of the finest things we can do is listen."

A second important element in life is learning to express love, through touching, even shaking hands, and through other behavior which shows emotion and feelings.

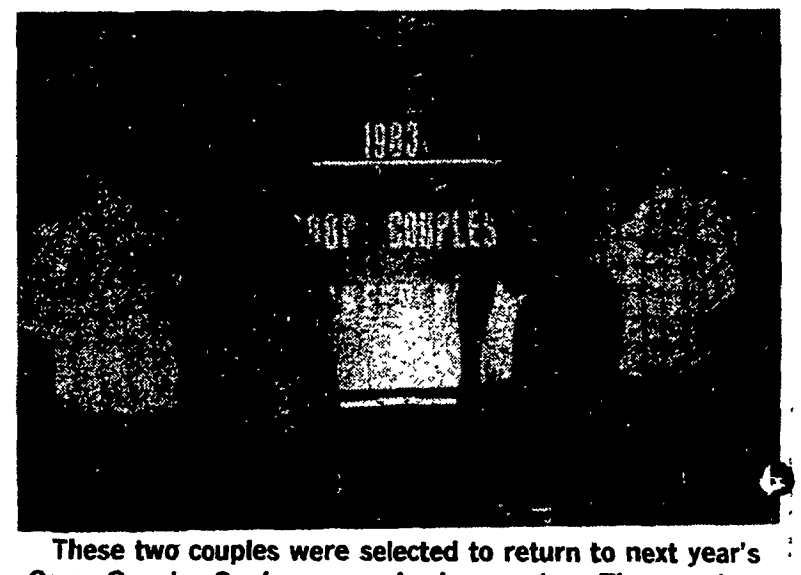
Cumberland County Agent Duance Duncan and Shippensburg Area Vo-Ag Teacher Fred Dillner headed the organization of the conference, assisted by four couples who had been selected as leader couples from last year's group.

Four leader couples were selected to return to next year's conferences and to help plan the activities. Selected were Mr. and Mrs. James Madigan, Towanda; Mr. and Mrs. Frank Graybill, Hershey; Mr. and Mrs. Randy Meabon, Wattsburg; and Mr. and Mrs. Lee Worthington, Smithsburg, Maryland.

Charles and Jonna Baker, Bedford County will be the chair couple for the 1984 conference, replacing Ed and Frances Reichard, Franklin County, who served in that capacity this year.



James and Terri Madigan, left, Towanda, and Randy and Paula Meabon, Wattsburg, will return to the PAFC Co-op Couples conference next year as leader couples. They were selected from 41 couples attending this year's meeting in Chambersburg. The Madigans were sponsored by Dairylea and the Meabons were sponsored by Meadville Farm Credit.



These two couples were selected to return to next year's Co-op Couples Conference as leader couples. They are Lee and Christy Worthingon, Smithsburg, Md., left, and Frank and Virginia Graybill, Hershey. The Worthingtons were sponsored this year by Dairymen, Inc., and the Graybills were sponsored by Atlantic Breeders Cooperative.

DelVal gets award

DOYLESTOWN — It was announced this week by James Harner, Superintendent of the Dairy, that Delaware Valley College had received two awards from the Brown Swiss Cattle Breeders Association.

The 12 animal herd placed first in the state in winning the Production and Type Performance Registry award for their size herd for 1982. The local ag college also won third place in the Nation in this program for 1982.

The Brown Swiss association, which is based in Beloit, Wisconsin, makes these awards on the basis of milk and fat production, percent of animals homebred, classification, percent of lactation records processed during the year and the number of years on test. H.S.

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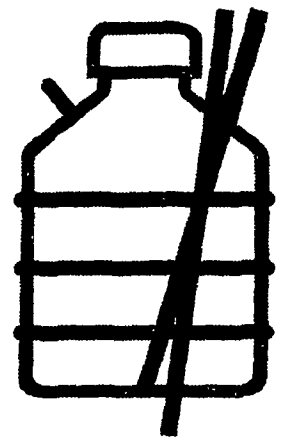

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- **SEPTEMBER 12** . Felton, DE
- **NOVEMBER 14** . Gap, PA (Lancaster/Chester Cos.)
- **DECEMBER 5** . . . Frederick, MD
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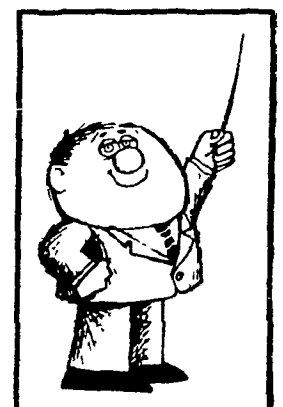

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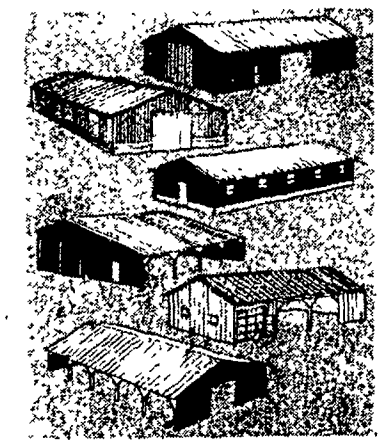

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TRUSSES

Ayrshire breeders gather for field day

BY HAROLD SHELLY

DOYLESTOWN — Approximately 100 Ayrshire breeders and their families attended the 40th annual Ayrshire field day and picnic hosted by Delaware Valley College last Saturday. The blistering heat wave of the previous few days held off enough to make a beautiful day just comfortably hot.

Arriving guests were greeted by Bucks County's Dairy Princess, Linda Geissinger, who served milk punch and presided over a cheese identification contest and a dairy industry promotion display. There were also contests in haylage identification and weed, seed and grass identification.

The balance of the morning program was devoted to dairy cattle judging of two classes of Ayrshires, young cows and aged cows. Judge was Dr. Carl Brown of Brown's Feeds, Birdsboro, Berks County.

After a picnic lunch in the cool shade of the DelVal campus, the afternoon program continued with a brief speech of welcome by Dr. James Harner, Professor of Dairy Science and Superintendent of the DelVal Dairy recognition of herdsmen Hank Swartz and Larry Queripel and remarks by Barbara J. Weas, ABA extension representative of the National Ayrshire Breeders Association.

At a business meeting called to order by Garrett Hunter, past president of the Pennsylvania Ayrshire Breeders, Secretary-Treasurer Milton Brubaker presented production awards to various herds. He said that there are 31 herds on test throughout the state.

Ardrossan Farms herd manager Heinz Mielke accepted 22 certificates of merit for the Villanova herd of Mrs. Hope Montgomery Scott. Brubaker said that the Ardrossan herd is the top Ayrshire herd 1st add Ayrshire field day in both the state and the nation.

Mielke said the 113 registered milkers have a rolling herd average of 18,600 pounds and 780 butter fat. The herd is the most linebred herd in the nation, and currently has more then 30 cow families.

Brubaker presented production awards to high producing Ayrshire herds and individuals for the year running from October 1981 to October 1982. Those honored are listed below.

Top Ten Rolling Herd Averages for 1981-82

1 Ardrossan Farms, Villanova 18,572 Milk 4 18%, 777 Fat, 113 Cows
2 Harold G Shelly, Manheim 15,621 Milk, 3 99%, 623 Fat, 17 Cows
3 Heindel Farms Inc, Womelsdorf 15 450 Milk, 4 09%, 632 Fat, 23 Cows

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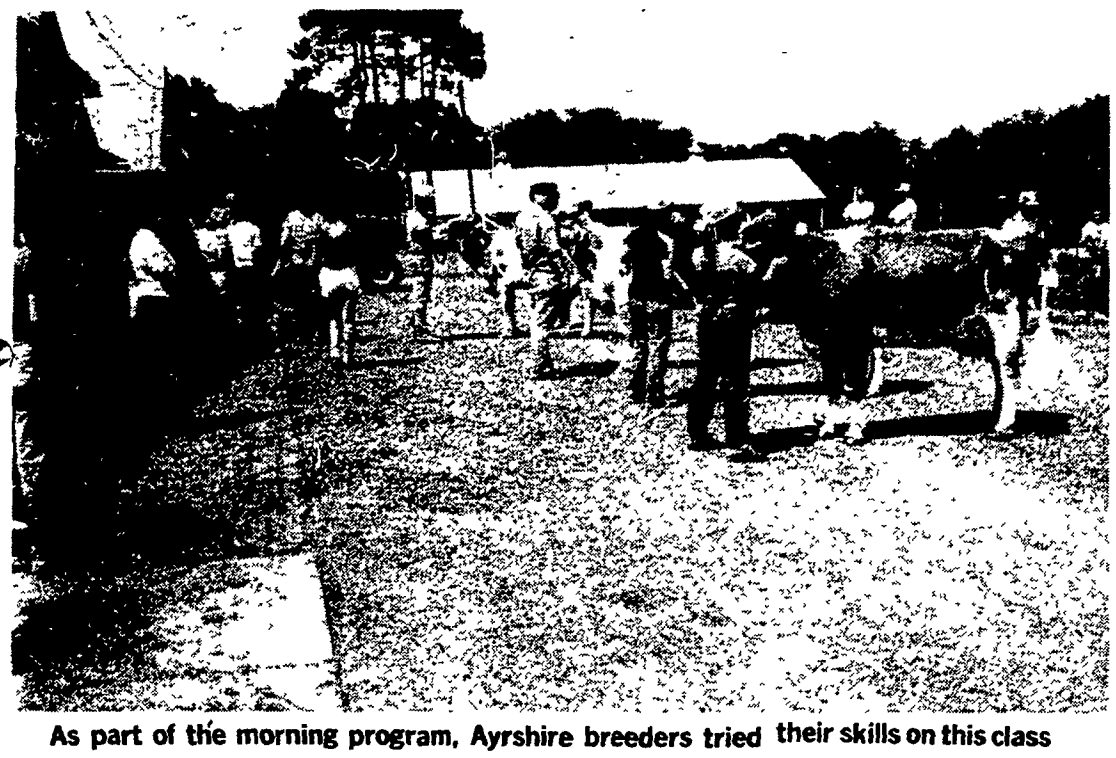

As part of the morning program, Ayrshire breeders tried their skills on this class of DelVal Ayrshires.

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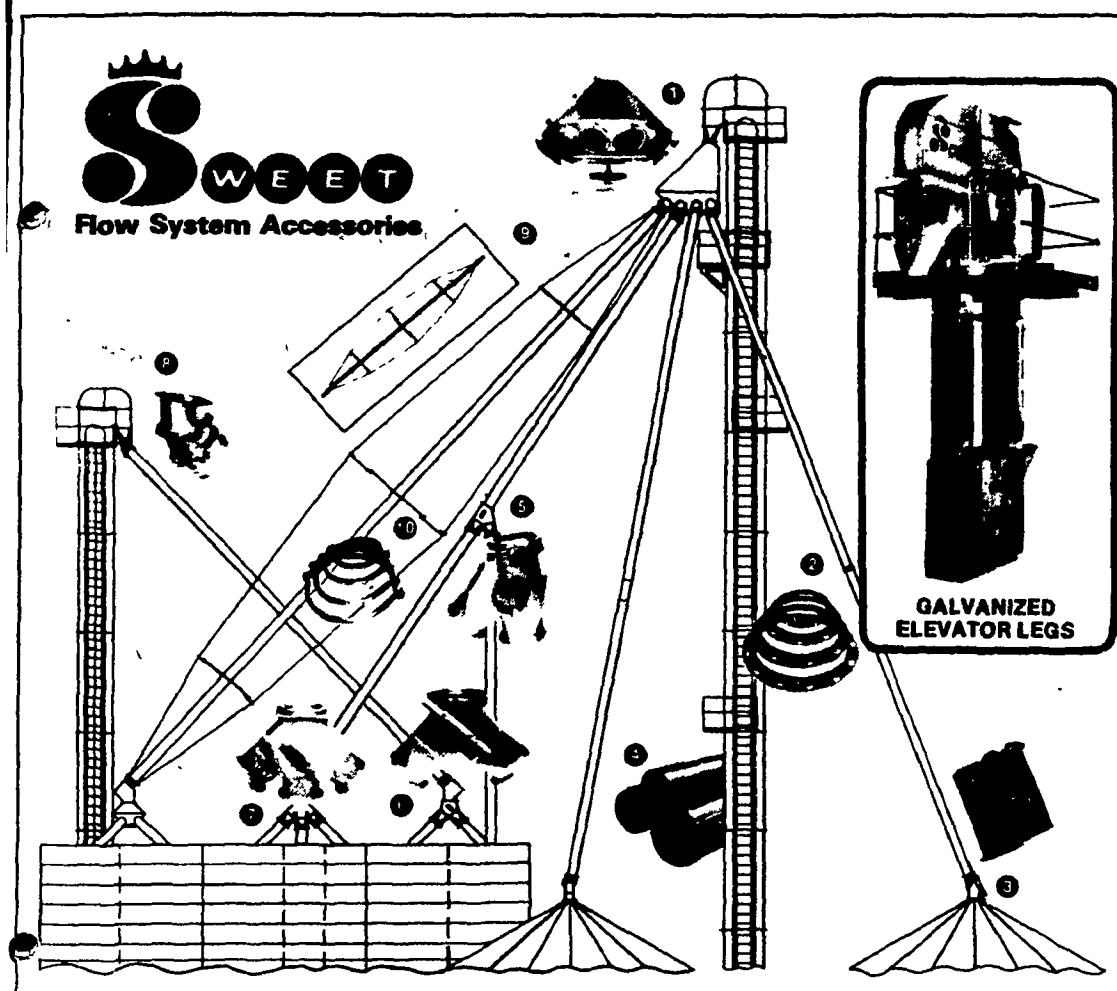

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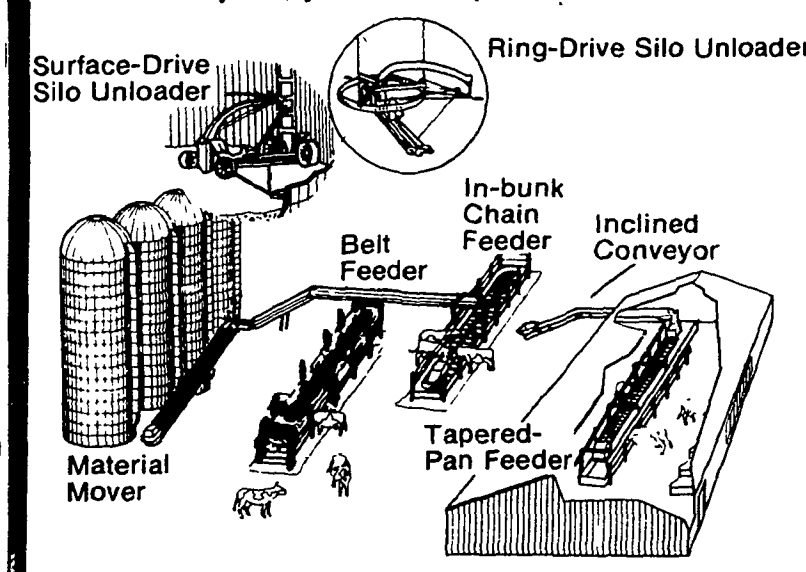

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Silver Meadows beams with Arabian champions

BY LAURA ENGLAND

MANHEIM — Twelve years ago, Doreen Christensen found the time to be involved in the social and civic activities of her Boston, Massachusetts, home. That, however, was before she and her family moved to Manheim and began raising purebred Arabian horses, a full-time job that Mrs. Christensen claims with pride is "the work, the hobby and everything" of her life now.

Owners of the Silver Meadows Farm, R4 Manheim, the Christensens have bred some of the country's top champion Arabians, known for their excellent disposition and style.

Two of these champions still owned and raised by the Christensens are Rose Araby Joy and her son Silver Canadius.

Joy, an East Coast Top 5 Mare and Regional Reserve champion, has foaled 11 times, producing five champions and two blue ribbon winners. With these accomplishments behind her, she has been named to the Arabian Horse World's Aristocrats List which recognizes the top leading champion-producing mares.

One of these champions is Joy's son, Silver Canadius. Affectionately called "Blacky" by his owners, Canadius is a three times National Top 10 Park Horse and has been named halter champion and "most classic." Canadius is still strong in the show circuit and has sired show-winning foals.

But the real story behind the successes of these two champions, is the constant care given by the Christensen family and the devotion and sincerety of Mrs. Christensen, herself.

"I've always like horses," says Mrs. Christensen who's been raising them for 16 years. "I took lessons when I was younger, and because I was considered a good rider, I rode some good horses."

This, along with the purchase of a HALF-Arabian gelding, got the Christensens interested in raising and showing Arabians. The gelding was bought for jumping, Mrs. Christensen explains, but he got them interested in breeding the purebred horses.

Currently raising 13 purebred Arabians, Mrs. Christensen has found herself with a 24-hour-a-day job. With the help of her 19-year-old son Eric, a commercial art student, the horses are fed three times daily and checked for water four times a day. In addition, the horses are groomed and exercised daily.

Although Mrs. Christensen finds herself busy with the Arabians, she also finds the time to run a riding school and board horses for other owners. Most of her riding lessons are given in the evening, and surprisingly she says, many of her pupils are adults.

With little advertising, Mrs. Christensen says she has no trouble staying filled up with lessons. Through word of mouth from one satisfied student to another, her total number of pupils is now about 25.

Mrs. Christensen takes her riding school seriously, stressing that it's dangerous if a person doesn't know how to ride a horse. She compares this to a person having no driving lessons who takes a car on the road. Most horse-related accidents, she says, are caused by a lack of knowledge.

Due to back problems suffered in her late 20's, Mrs. Christensen is unable to ride herself now, but she says you don't have to ride to breed and show horses. The Christensens, who show in a five state area (Pennsylvania, Maryland, Delaware, Virginia and New Jersey) and in Canada, do more halter showing than saddle showing now.

Doreen Christensen of Silver Meadows Farm, Manheim, takes great pride in raising the family's 13 purebred Arabians. Here, she takes time to feed two of her favorites, Silver Empress and her colt Ibn Silver Canadius.

With her husband John employed full time by Moore Business Forms, Lancaster, and her daughter Karen, 23, married and living in West Virginia, Mrs. Christensen finds her hands full in running Silver Meadows Farm. But her love of horses keeps her going strong.

"I enjoy all kinds of horses," she says, "but I find the Arabians to be sensitive and very tuned-in to the people who work with them."

This deep concern and feeling for the Arabian breed has found Mrs. Christensen involved in the Pa. Arabian Horse Association where she is chairman of the futurity committee. She also serves as a state delegate to the national meeting of the International Arabian Horse Association and is a member of the research and education committee as well as the hunter-jumper committee.

With all this involvement in the Arabian Horse Association, it's no wonder Mrs. Christensen finds little time to get involved in other hobbies and activities. But as she says with a warm glow in her eye, the horses are her everything.

Besides raising the Arabians, the Christensens also board horses, such as these two, on their Silver Meadows Farm.

Protecting the horses from possible injury during exercising is stressed on the Christensen farm. Eric checks to see that Jett is properly clothed with neck and leg coverings before his daily routine.

Eric Christensen, 19, lends a helping hand in the feeding and care of the horses. Exercising is very important in toning and firming and in getting Silver Canadius Jett, a son of the Christensen's champion stallion Silver Canadius, ready for the show circuit.

Winning ribbons and trophies is something the Christensen family does well as Mrs. Christensen points out.

Stump farm is site of Berks Holstein picnic

BY ROBIN PHILLIPS
Staff Correspondent

BERNVILLE — The annual picnic of the Berks County Holstein Club was held recently at the farm of John and Rita Stump, R3 Bernville. The day was extremely hot and humid, a fine day for picnicking as many Berks dairymen turned out for the catered lunch, dairy cattle judging contests, and ice cream eating.

The official judge, Gary Williar, gives his reasons for class placings.

Main activity of the day was the judging contests featuring the fine bovines in the Stump milking string. With participants divided into women, juniors, and men groups, three classes of Holsteins were judged. The Stumps milk approximately 47 registered Holsteins with a herd average of over 16,000 pounds. Their three daughters take care of the milking chores in their stanchion barn.

Judging was greatly enjoyed by all those participating as they stepped through the clean barn, well equipped with many fans that were appreciated by everybody, and viewed some of the more illustrious members of the Stump herd.

Two year olds, three and four year olds, and a class of aged cows were judged. The aged cow class featured Stumpland Ivanhoe Chief Xanthe, a VG-86, daughter of Chief with a projection of 27,928 lbs. milk, and over 800 lbs. fat and a "Sexation" son at Carnation Genetics.

Gary Williar, Sales Representative with Carnation Genetics, was the official judge of the day and stated, "This is a cow I have known and loved for years," when referring to "Xanthe" in the aged cow class.

Winners of the judging in the different division were: Men's: 1st - Clarence Sattazahn, Womelsdorf, 2nd - David Schantz, 3rd - Nevin Mast, 4th - Richard Hoppes;

Women's: 1st - Sharon Troutman, Richland, 2nd - Grace Hoppes, 3rd - Teresa Kissling, 4th - Dorothy Hoffman.

Juniors: 1st - Keith Hoppes,

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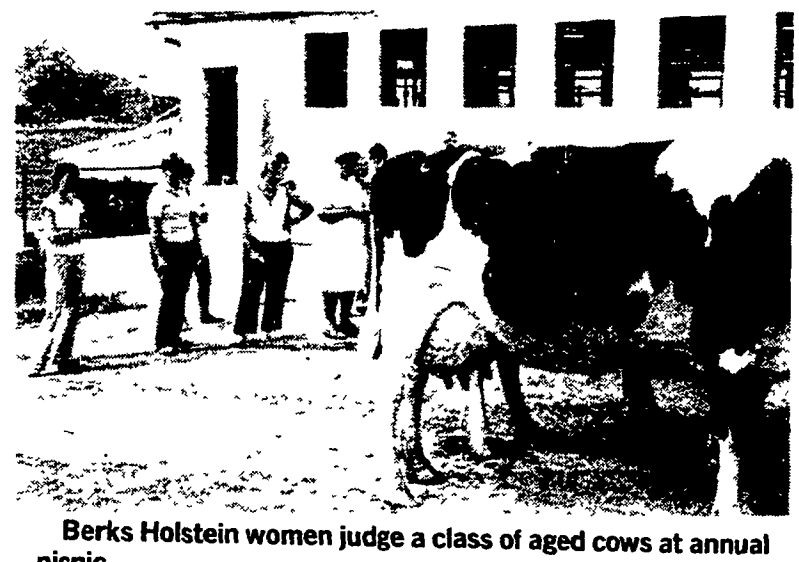

Berks Holstein women judge a class of aged cows at annual picnic.

Inside stanchion barn, juniors judge a class of two-year-olds in Berks.

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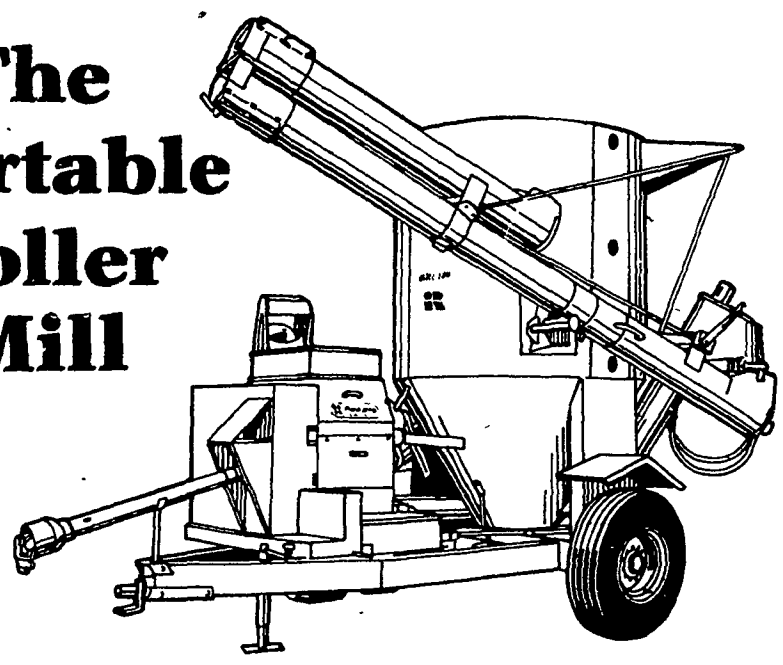

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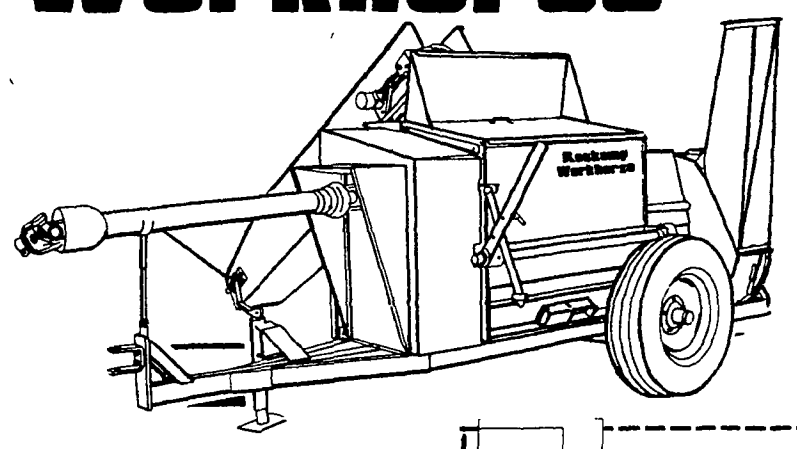

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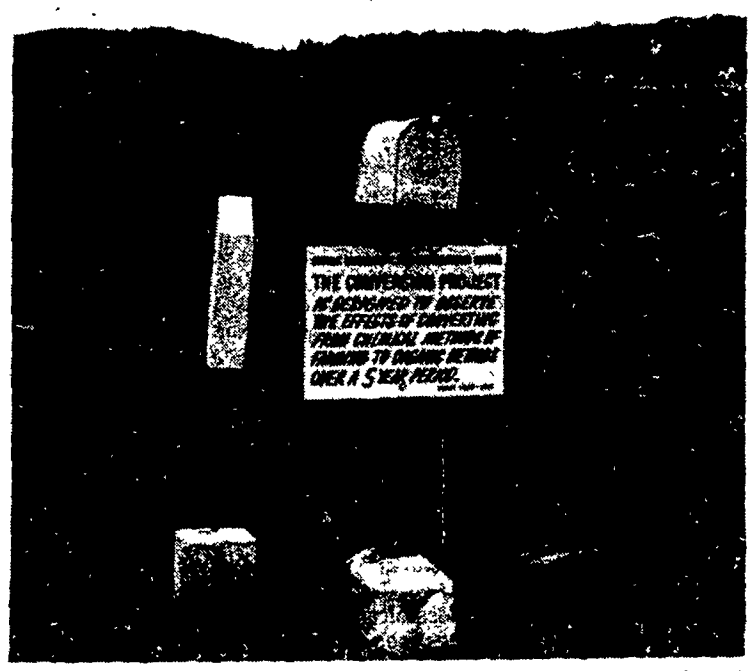
Rodale field day on Aug. 10

BY TRISH WILLIAMS

KUTZTOWN — The Rodale Research Center is holding its second annual Farmers Field Day on Wednesday, August 10. The Rodale Research Center is owned and operated by Rodale Press, publishers of farm, garden, health and bio-medical periodicals.

The goal of the research farm is to develop new ways to farm and garden without having to rely on synthetic fertilizers or on the use of toxic chemicals - practices their researchers feel that can and do lead to soil erosion and the loss of soil fertility. Instead, they work to develop a healthier, lower-cost 'regenerative' food system that emphasizes the use of crop rotations, legume fertilizers and natural methods of insect and weed control.



Part of the tour will include a conversion project that is studying the effects of converting from commercial methods to organic methods.

Visitors may also examine organic garden demonstration plots and view agriculture projects.

Two sessions are being offered at the Field Day, one in the morning beginning at 9:30, the second session is scheduled for the afternoon, beginning at 3:30. There will be a 20 minute introduction by Dick Harwood, research director. There will be time throughout the tour for questions and discussion over juice and watermelon at the end.

The tour will cover the following projects:

- Overseeding legumes into row crops to supply nitrogen for the following year as well as to control weeds, conserve moisture and reduce erosion.

- a five-year field project studying the problems in converting to a low-input system from a chemically-intensive system of farming. This project is its third year.

- a five-year economic and cropping systems study of a nearby organic farm.

- and, a new nutriet availability study comparing fresh manure and composted manures.

The Center also offers a self-guided tour throughout the year that includes other research projects, including aquaculture and organic gardening.

To get to the Rodale Research Center from route 222 between Kutztown and Maxatawny, turn north onto Grim Road and go .8 miles to Siegfriedale Road. Turn left on Siegfriedale Road and go to the visitors area.

From I-78, take Pa 863 New Smithville Exit. Go south on Rt. 863 and turn off onto Siegfriedale Road. Take Siegfriedale Road 2.3 miles to the Rodale Research Center.

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1. Dale Smoker, Cochranville, PA, AC D-21, FP/275.11; 2. Bob Reiff, Terre Hill, PA, Deutz 9006, FP/275.3; 3. Todd Weant, Taneytown, MD, JD 4010, 268.6.

7000 Mod

1. Curtis Luckenbill, Schuylkill Haven, PA, Hmde/433 Chev., 262.2; 2. Nathan Wolfe, Bedford, PA, FaM/454 Chev., 248.5; 3. Jeff Frantz, Hellam, PA, Hmde/2-427 Chev. 245.4.

6200 FWD

1. Ed Hanslonen, Morrisdale, PA, 80 Chev., 287.9; 2. Dan Fellenbaum, Lititz, PA, 69 Chev., 281.8; 3. Willie Omps, Winchester, 82 Chev., 277.2.

9000 Open

1. Earle Henderson, Baldwin, MD, Hmde/Packard, F.P./231.4; 2. John Keslar, State College, PA, Hmde/4-440 Dodges, F. P./226.0; 3. Willard Will, Central City, PA, Hmde/Allison, 296.2.

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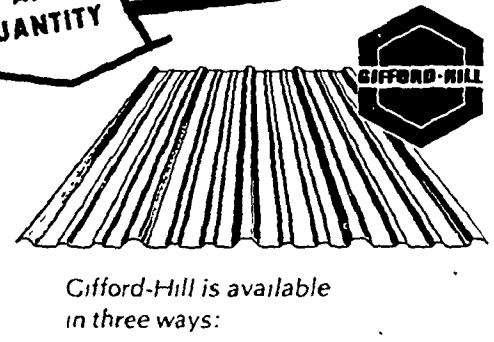

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Md. starts cost-share plan for Bay cleanup

ANNAPOLIS, Md. — Maryland Governor Harry Hughes has announced that one of the state's responses to helping clean up the Chesapeake Bay is ready to begin through a new state funded cost-share program to aid farmers in combating water pollution.

"I am particularly pleased with this program in that it brings two often-at-odds factions together in joint action to meet one of the challenges in finding a Maryland way to solve a problem that can no longer be begged off by lack of resources. Agriculture is taking a major step forward by committing itself to the goal of cleaning up the bay", the Governor said.

Funded with $5 million from a state bond issue, the program will be administered by the Maryland Department of Agriculture in cooperation with the Maryland Department of Health and Mental Hygiene.

According to Ms. Sharon E. Vereide, who will administer the program for MDA, its goal is to "assist farmers in improving water quality by helping them make needed conservation improvements.

Actual design of the improvements, which must be tailored to each participating farm, will be done by the staffs of the 24 local Soil Conservation District offices throughout the state which will take into consideration both the needs of the land and of the landowners.

Ms. Vereide says "to be eligible, you must be a landowner or tenant actively involved in the operation of a farm which has its land devoted to agricultural activity where the improvements proposed under cost-share aid will reduce pollutants from being delivered into the waters of the state."

Among the targeted pollutants are sediment, nutrients in the form of fertilizer or animal wastes, and other types of agricultural chemicals.

Examples of such possible eligible cost-sharing practices are: conversion to no-till, or minimum-till planting; stripcropping; installation and maintenance of filter strips, grass waterways, waste storage structures such as lagoons and holding ponds; construction of ponds, terraces and diversion ditches, etc.

Up to 87½% of the total cost of a project, of $5,000 may be cost-shared under the program. Co-cost sharing with Federally supported conservation programs will be allowed and is being encouraged. These programs are administered through the U.S.D.A.'s Agricultural Stabilization and Conservation Service (ASCS) and Soil Conservation Service (SCS).

The State program, first of its kind for Maryland involving state money, was authorized by the Maryland General Assembly. Funds to support it, $5 million, are being allocated from a previous water quality improvement bond issue.

Those interested in applying for cost-share help, or seeking additional information about the program, should contact their local Soil Conservation District office of ASCS office.

They may also contact Ms. Sharon Vereide at the Maryland Department of Agriculture in Annapolis by telephoning (301) 841-5863.

Test soil for seeding

LANCASTER — Are you planning in August to seed? Does the field need lime? What fertilizer are you going to use, and how much per acre?

If you don't have the answers to these questions, you'd better have the soil tested now. Don't wait until you seed and then guess. Chances are your guess will be wrong.

Doing the job right can make the difference between a successful new seeding that will start your field toward years of highly productive, high quality forage, or a seeding failure.

The first and very important step in getting soil tests is to do a good job of taking soil samples from the field. The best results can be no better than the sample and information sent to the lab. Instructions for proper soil sampling are included in soil test mailing kits, which are available from the Cambria County Extension Office.

With something as important as your forage crops, you must do the best job possible to establish a new seeding. So, don't guess — soil test!

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7200 Mod., 9500 S.S.,
9200 Mod. (Inv.), 9500 Open
Rain Date Sun., Aug. 7, 2:00 p.m.

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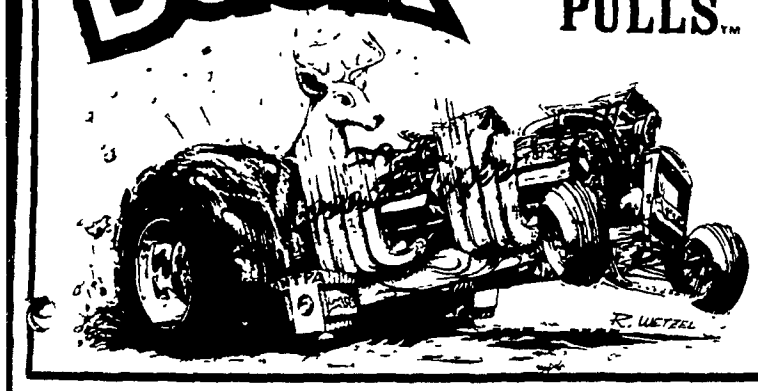

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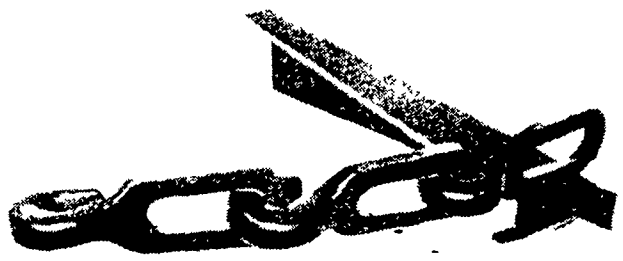

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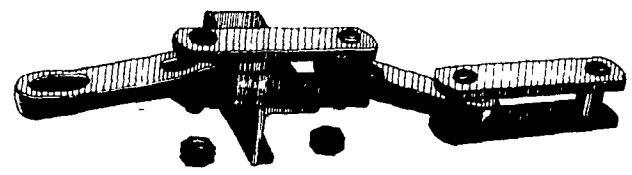

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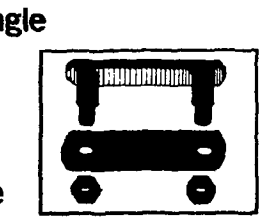

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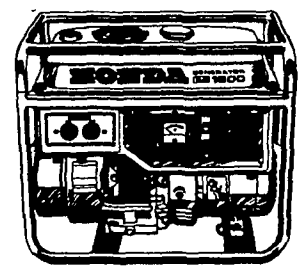

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Coldspring cow tops Sire Power Sale

BY LAURA ENGLAND

KUTZTOWN — The first Holstein to enter the sale ring at the Sire Power Sale, Wednesday, walked away at $14,000 and was named the sale's high-seller.

Coldsprings Ira Jetton, consigned by Marlin Hoff of New Windsor, Md., sold for $14,000 to Jack and Darla Stookey of Leesburg, Id. Sired by Coldsprings Ira, Jetton scored very good with 86 points at two years.

As a four-year-old, Jetton has an index of 1800 and has scored very good to excellent on her mammary system. She is currently milking up to 125 pounds a day.

Pen-Col Farms of Millville, consigned the second high-seller at $7,600. A sale of six embryos sired by Browncroft Jetson, buyer Marlin Hoff, New Windsor, Md., will have his choice of heifers from the pregnancies.

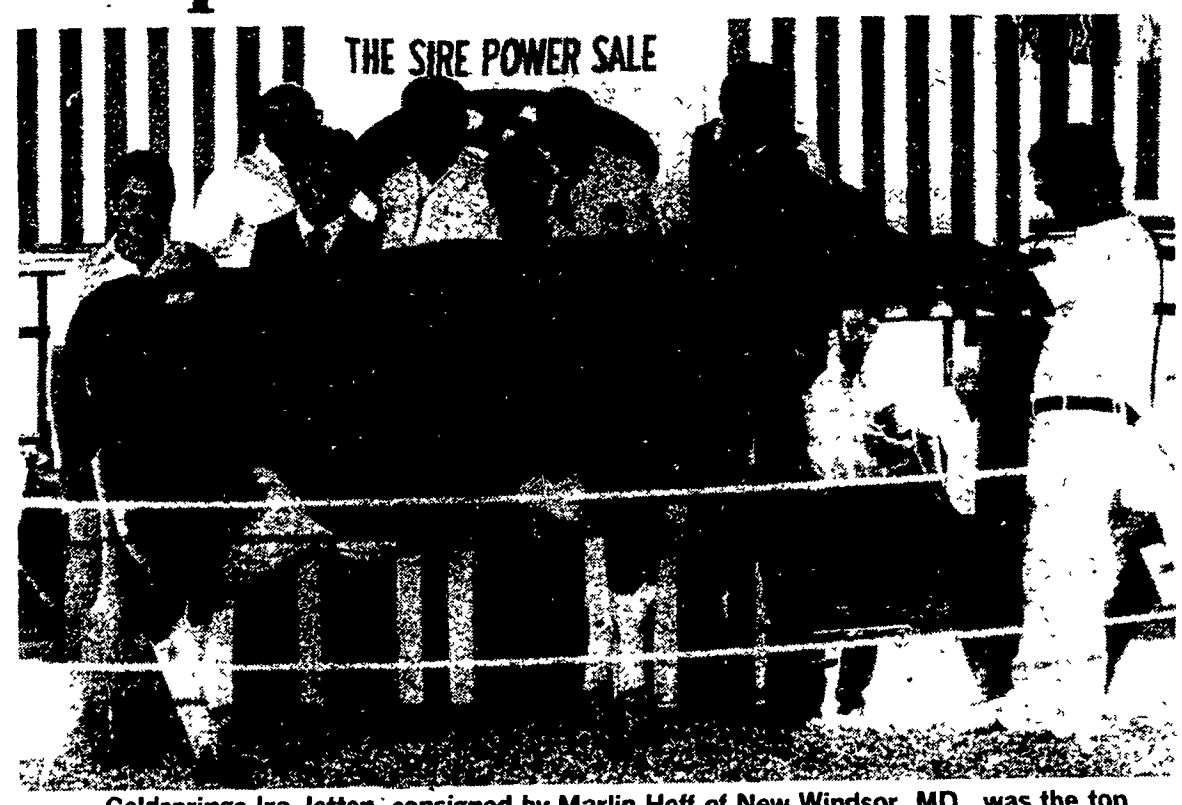
The third high-seller was Ray-Mc Jerry Rag Apple Gina, a three-year-old, who sold for $7,200. Consinged by Marion F. Andrew, Centerville, Md., Gina was bought by Fair Hill Farm, Md.

Other top sellers were MD-Maple-Lawn Starlite Libby, consigned by Maple Lawn Farm, Fulton, Md., and bought by Rose Mary Farm, South Cortright, NY, for $6,600; a choice of female embryos sired by Cal-Clark Board Chairman, consigned by Walter Brooks, Springville, and sold to David Dowler of Meadville for $6,500; and a choice of Browncroft Jetson sired embryos, consigned by Dr. William Pettit, Vincentown, NJ, and bought for $6,500 by Castle High Holsteins, Middletown, NY.

In addition to the cows and embryos sold, units of semen from Browncroft Jetson were also auctioned off. According to Doty Remsburg of the Remsburg Sales Service, 45 units of semen were sold for about $132,000.

Buyers representing seven states bidded the sale total to $205,550 for 67 head of cattle. The sale average was $3,067

States represented were North Carolina, South Carolina, Arkansas, New York, Kansas, Maryland and Pennsylvania.



Coldsprings Ira Jetton, consigned by Marlin Hoff of New Windsor, MD., was the top seller at the Sire Power Sale, Wednesday. Jetton, who sold for $14,000, was bought by Jack and Darla Stookey, Leesburg, IN.

Buyers representing seven states bidded their way to a sale total of $205,550 at Wednesday's Sire Power Sale in Kutztown.

Waiting their turn to enter the sale ring were 67 of the top Holsteins bred by outstanding Sire Power bulls.

The third high-seller at the Sire Power Sale was Ray-McJerry Rag Apple Gina. Consigned by Marion F. Andrew, Centerville, MD., Gina was bought by Fair Hill Farm, Chestertown, MD., for $7,200.

Lancaster Holstein Club holds field day

BY KIMBERLY HERR

WILLOW STREET — Scorching sunshine and high humidity were not enough to dampen the spirits of the more than 400 people who turned out for the Lancaster County Holstein Club Field Day at Fultonway Farm, Thursday.

"It's a good time to get together and see somebody's farm," said J. Mowery Frey Jr., owner of the sprawling farm, perched on a hill off Beaver Valley Pike, Willow Street.

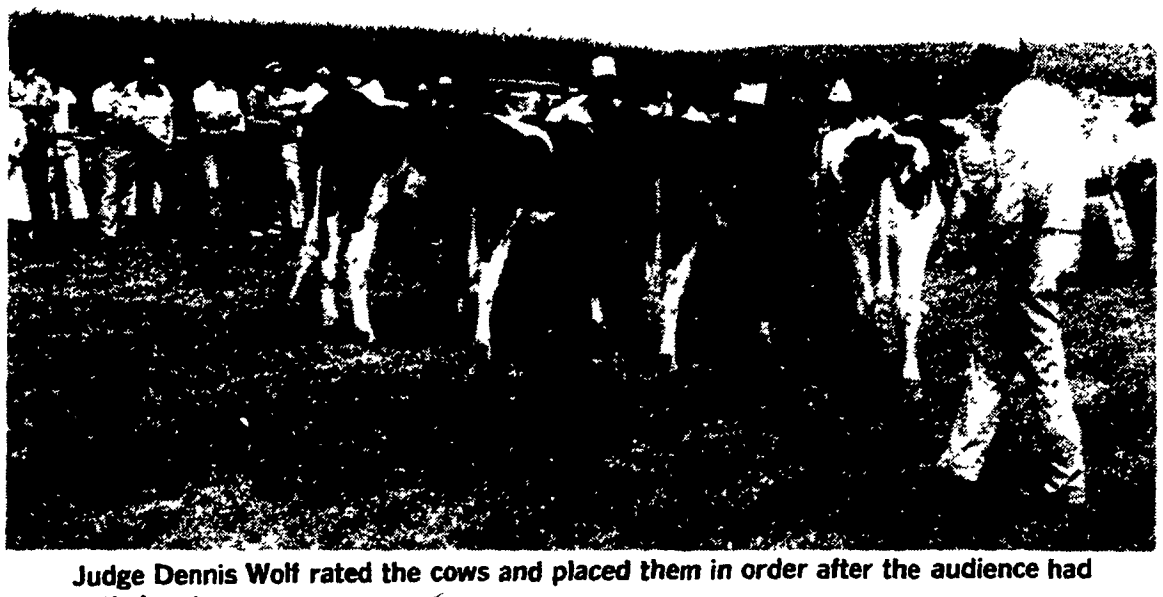
Frey explained that years ago, the day had been set aside as a summer picnic, a time when everyone could get together for fellowship, but since then, it has grown into the field day.

The activities kicked off at about 11 a.m. as everyone crowded around to judge Frey's cows. The first class was senior yearlings, followed by two-year-olds and aged cows.

Young and old crowded into the ring to get a better look at the Holsteins, and every now and then a grumble went through the audience as the judge did not always agree with the crowd's choice.

The judge was Dennis Wolf, of Pen-Col Farms, Millville. He is a

(Turn to Page A39)



Judge Dennis Wolf rated the cows and placed them in order after the audience had cast their votes.

Boni Gochenaur, Lancaster County's Dairy Princess, helped her brother, Scott, and neighbor, Marcia Emery, with their judging.

Shippensburg crowns market steer champions

BY BETH HEMMINGER
Staff Correspondent

SHIPPENSBURG — Brenton Upperman, of Chambersburg, walked away with top honors at the Shippensburg Fair Market Steer Show held Monday evening.

Brenton's steer was chosen as the heavy weight champion of the open and 4-H shows.

Later, it went on to claim the Grand Champion title of, once again, the open and 4-H shows.

Not only did Brenton win the type show, but walked away with the Senior Showmanship award. Winning the Intermediate Showman Championship was Regina Lebo, of Greencastle. Regina won the intermediate division with her heavy weight steer "Louie".

Eric Sheiss proudly walked away with the Junior Champion Showman award. Eric won the showmanship award with his heavy weight steer, "Andy".

Capturing the title of Reserve Grand Champion of the open and 4-H show was Allyson Sheaffer. Allyson's reserve grand champion steer had previously been crowned the Medium Weight Champion Steer also in the open and 4-H competition.

In the FFA competition, Andy Rill walked away with the top honors. Andy won the Grand Champion title of the FFA show with his heavy weight steer. Reserve Grand Champion went to Chris Hopple, also showing a heavy weight steer.

Winning the championship titles in the Light Weight Steer division were Denise Baker capturing the open and 4-H champion light weight. Rodney Monn won the honors of reserve champion light weight in the open and 4-H shows. Rodney also captured the FFA light weight champion.

The medium weight champion

(Turn to Page A32)

Youngs win honors

BY BETH HEMMINGER
Staff Correspondent

SHIPPENSBURG — James and Christine Young made a clean sweep of the Milking Shorthorn competition at the Shippensburg Fair.

However, Christine stepped to the head of her class in both the open and 4-H shows.

Christine's aged cow, Susie, captured the Senior and Grand Champion title fo the show, while her father, James, held the reserve title.

With her junior heifer calf, Christine received three top awards in the show. Her junior calf was selected as the junior champion in the open and 4-H competition. Then, the junior calf went to claim the Grand Champion award of the 4-H Show. The open class Reserve Junior Champion award went to James, with his junior yearling heifer.

Christine's entry also led the way to receiving the Best Udder Award of the Milking Shorthorn show.

Ocker family sweeps show

BY BETH HEMMINGER
Staff Correspondent

SHIPPENSBURG — The John Ocker family, of Shippensburg, carried away all the honors of the Ayrshire show at the Shippensburg Fair Monday evening.

Rising to the title of Senior and Grand Champion of the Ayrshire show was Patti Ocker Creek with her aged cow. Patti also claimed the Reserve Grand Champion with her dry 4-year-old. Patti wasn't quite finished yet! Her entry went on to claim the Best Udder award of the show.

Claiming the Junior Champion title was William Ocker with his senior calf. The Intermediate calf was chosen as the Reserve Junior Champion and is owned by Lucille Ocker.

The individual class placings in the Ayrshire show are as follows:

Intermediate Calf
1 Lucille Ocker, 2 John Ocker III, 3 Lucille Ocker

Senior Calf
1 William Ocker

Senior Yearling Heifer
1 Lucille Ocker 2 John Ocker III

JUNIOR CHAMPION
William Ocker

RES JUNIOR CHAMPION
Lucille Ocker
Junior Best 3 Females, Lucille Ocker

Dry Cow 4 years
1 Patti Creek, 2 William Ocker, 3 William Ocker

Senior 2 year old
1 John Ocker III

4 year old
1 Lucille Ocker, 5 year old
1 John Ocker III

Aged Cow
1 Pattie Creek

SENIOR AND GRAND CHAMPION
Patti Creek

RES. SENIOR AND RES. GRAND CHAMPION
Patti Creek

Best Udder
Patti Creek

Junior champion of the Ayrshire Show at Shippensburg is shown by William Ocker. The reserve junior champion is shown by Lucille Ocker.

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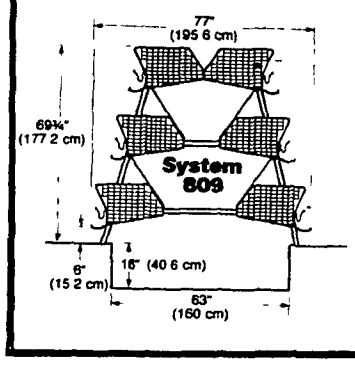

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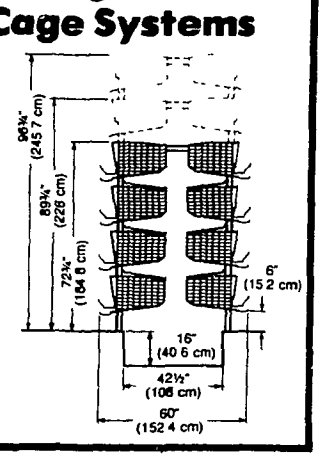

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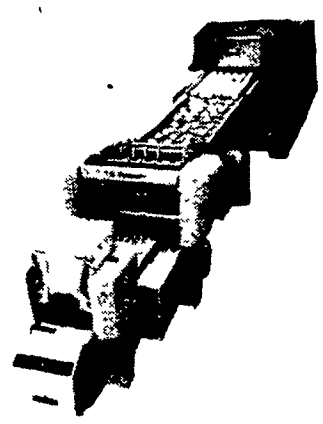

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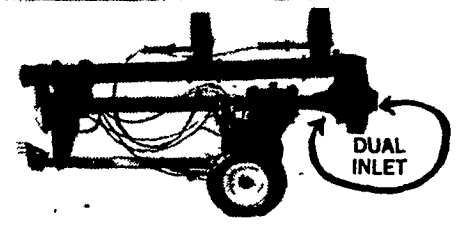

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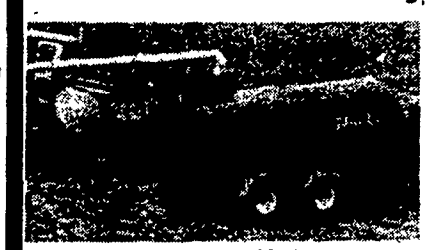

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Ayrshire

(Continued from Page A25)

4 James W Martin, Stevens 14,095 Milk, 4 12%, 579 Fat 47 Cows
5 Robert W Campbell Narvon 14 040 Milk 3 74%, 525 Fat, 41 Cows
6 Charles H Gable, Elverson 13 851 Milk 4 27%, 592 Fat, 66 Cows
7 H K Farms, Towanda 13,771 Milk 3 75% 517 Fat, 39 Cows
8 Keefer & Shetterly, Millersburg 13,632 Milk 3 78%, 515 Fat, 81 Cows
9 Carl J Rosiak, Nicholson 13 298 Milk 3 84%, 511 Fat, 47 Cows
10 Penn State University, University Park 13,280 Milk 3 77%, 500 Fat, 18 Cows

Yearlings

1 Heindel Farm Inc , Production 1-11 13 446 Milk 4 4%, 592 Fat, By Heindel H K Hattie
2 Mack Farms, Production 1 07, 13,360 Milk 3 9%, 521 Fat, By Raymack Buttercup
3 Heindel Farm Inc Production 1 10 12,938 Milk 4 2%, 543 Fat, Heindel G M Ruth
4 Roy R Mentzer, Production 1 11, 12,710 Milk, 3 9%, 493 Fat, By Mentzer Homstead C Tilhe
5 Carl J Rosiak, Production 1-10, 12,533 Milk, 3 7%, 469 Fat, By Ros-Ayr C Star's Simona

2-Year-Old

1 Ardrossan Farms Production 2-7, 19,125 Milk, 4 1%, 785 Fat, By-Ardrossan M B Snow Queen
2, Ardrossan Farms Production 2-6, 18 389 Milk 4 3%, 784 Fat, By Ardrossan Hir Bettina
3 Ardrossan Farms Production-2-4, 17, 984 Milk, 4 1% 745 Fat, By-Ardrossan M Boy's F M E C
4 Ardrossan Farms Production 2 7, 19,180 Milk 3 8% 730 Fat, By Ardrossan Jer's Rose Royalty
5 Ardrossan Farms Production 2 6 18 433 Milk, 4 1% 753 Fat By Ardrossan M B Snow White

3-Year-Old

1 James W Martin, Production 3-6, 22,673 Milk, 3 6%, 806 Fat, By Cocalico L L Rose
2 Ardrossan Farms, Production 3 4, 22 609 Milk, 3 9%, 873 Fat By Ardrossan P V Noble Rose
3 Ardrossan Farms, Production 3 8 21,625 Milk 3 8%, 811 Fat, By Ardrossan Suli's Turquois
4 Ardrossan Farms, Villanova, Production 3 9 21,015 Milk 3 9%, 814 Fat By Ardrossan P Vue Misty
5 Ardrossan Farms, Production 3-5 20 873 Milk 4 0% 840 Fat By Ardrossan M B 's Bell Chime

4-Year-Old

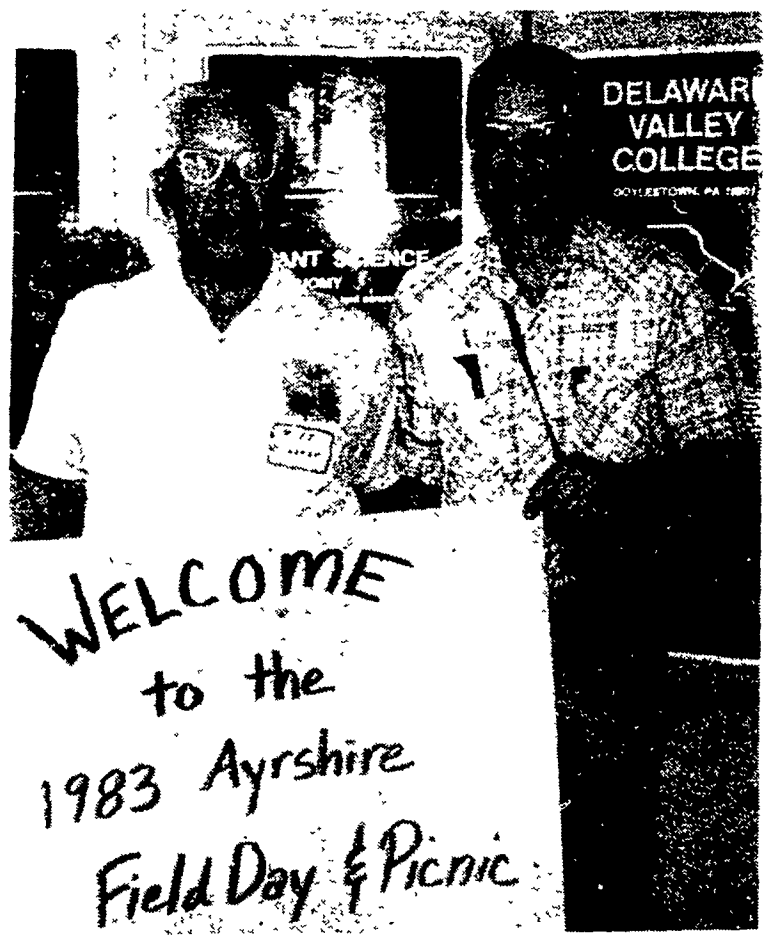
1 Ardrossan Farms Production 4 7 24 950 Milk 3 7% 929 Fat, By Ardrossan Classic Pearlina
2 Ardrossan Farms Production 4-5 20 789 Milk 4 2% 876 Fat By Ardrossan Albi s Roster
3 Ardrossan Farms Production 4-8 20 772 Milk 4 2%, 868 Fat, By Ardrossan A J C Blowing Rose
4 Ardrossan Farms Production 4 6 19 236 Milk 4 2% 800 Fat By Ardrossan Suli Mislead
5 Ardrossan Farms Production 4 5 18,774 Milk 4 2% 791 Fat By Ardrossan S Charlotte ives

5-Year-Old

1 Ardrossan Farms, Production 5-9 21 640 Milk 4 2%, 916 Fat, By Ardrossan Lee's Bella The Bal
2 Ardrossan Farms Production 5-3 21 145 Milk, 4 3%, 911 Fat, By Ardrossan Lee's Rosewing
3 Edward & Mary Tumilo, Production 5-10, 20,238 Milk, 4 3%, 875 Fat, By Penn Spring D Mary
4 Heindel Farm, Inc Production 5-4 19,448 Milk 4 3%, 836 Fat By Heindel Albi Ada
5 Ardrossan Farms Production 5-6, 18 627 Milk 4 4% 823 Fat By Ardrossan Luce Stormy Rose

6-Years and Up

1 Ardrossan Farms Production 7 8, 26 810 Milk 3 7% 986 Fat, By-Ardrossan S Bell Ring
2 Ardrossan Farms, Production 6-11, 24 682 Milk 4 1%, 1,005 Fat, By Ardrossan S V C Tourist Class
3 Ardrossan Farms, Production 6-11 24 010 Milk 4 2%, 997 Fat, By Ardrossan ExEvangeline
4 Ardrossan Farms Production 8-11 23 649 Milk 4 1%, 966 Fat, By Ardrossan Classic Belvedere
5 Ardrossan Farms, Production 7-1 22 380 Milk 4 3% 963 Fat By Ardrossan Sultan Stormy Rose



Milton Brubaker, left, and DelVAI dairy supervisor, James Harner, were the official welcoming committee for the field day.

Coryell Elected to Congress

WOMELSDORF — Nannette Coryell, Womelsdorf, has been selected as one of 24 council members of the 1984 Pennsylvania 4-H Leadership Congress. The selection was made at the end of this year's Congress held June 20-23 on Penn State's University Park Campus. Nannette will work specifically with the Leadership School program.

As part of her responsibility, she will be returning to Penn State in early August to evaluate this year's Congress and to do initial planning for 1984.

Leadership Congress provides 4-H'ers with the opportunity to develop leadership skills and to discuss current youth concerns while having fun, making new friends and seeing Penn State. Leadership School helps teen leaders to participate more effectively in the planning and conducting of local and county 4-H Youth programs.

Steer champions

(Continued from Page A31)

honors went to Allyson Sheaffer while the Reserve Champion title went to Chris Hopple. Both Allyson and Chris won the championship title in their weight class in the open and 4-H shows.

Sandy Hopple walked away with the FFA Medium Weight Champion award. Rodney Monn led his way to the Reserve Medium Weight Champion slot in the FFA competition.

Winning the heavy weight champion titles were Brenton Upperman winning the open and 4-H heavy weight titles. Honors for the Reserve Champion heavy weight steer went to Holly McLaughlin, who also took the titles in the open and 4-H shows.

The class placing for the weight divisions are as follows:

Lightweight I (open and 4-H)
1 Duane Glessner, 2 Denise Swank, 3 Jason Kutz

Lightweight II (open and 4 H)
1 Irvin Shultz, 2 Donald Sullivan 3 Charles Freed

Lightweight III (open)
1 Denise Baker 2,3 Rodney Monn

Lightweight III (4-H)
1 Denise Baker, 2 Rodney Monn, 3 Jeff Swank

Lightweight III (FFA)
1 Rodney Monn

Mediumweight I (Open)
1 Darren Meyers 2 Keith Baker 3 Donald Shultz

Mediumweight I (4-H)
1 Darren Meyers, 2 Keith Baker, 3 Ben Kutz

Mediumweight I (FFA)
1 Donald Shultz

Mediumweight II (Open)
1 Sandy Hopple, 2 Kim Hopple, 3 Sandy Hopple

Mediumweight II (4-H)
1 Sandy Hopple 2 Kim Hopple 3 Erin Thompson

Mediumweight II (FFA)
1 Sandy Hopple, 2. Rodney Monn

Mediumweight III (Open and 4-H)
1 Allyson Sheaffer, 2 Chris Hopple, 3 Karen Fought

Heavyweight I (Open)
1 Angie Fought, 2 Holly McLaughlin, 3 Nicole Lebo

Heavyweight I (4-H)
1 Angie Fought 2 Holly McLaughlin, 3 Nicole Lebo

Heavyweight I (FFA)
1 Chris Hopple

Heavyweight II (Open and 4-H)
1 Brenton Upperman, 2 Chris Hopple 3 Lucy Fought

Heavyweight II (FFA)
1 Chris Hopple, 2 Andy Rill, 3 Rodney Monn

Heavyweight III (Open)
1 Brenton Upperman, 2 Holly McLaughlin, 3 Regina Lego

Heavyweight III (4-H)
1 Brenton Upperman, 2 Holly McLaughlin, 3 Regina Lebo

Heavyweight III (FFA)
1 Andy Rill

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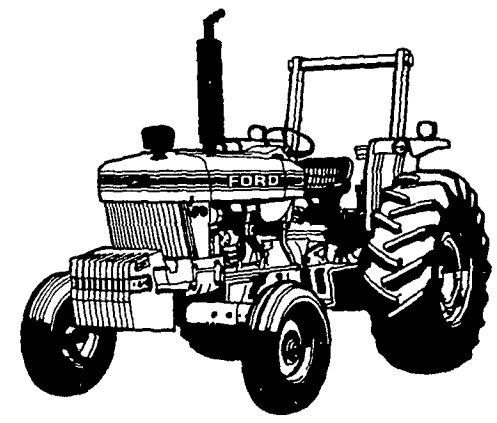

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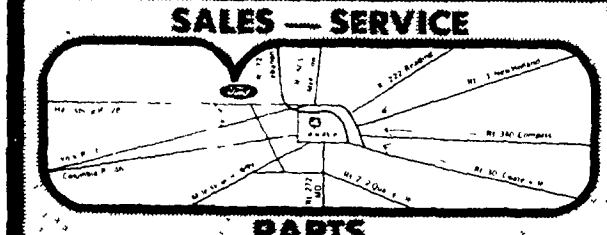
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New Penn State president

(Continued from Page A1)

appreciation in Pennsylvania.

But in a news conference at the Lancaster Farm and Home Center, the new Nittany Lion president made some strong comments about how he feels about agriculture in Pennsylvania and Penn State's continuing commitment on its behalf.

"We must continue to remind ourselves that Penn State is a state-supported land grant university. Agriculture is one of its primary missions and always will be," Dr. Jordan said.

"Pennsylvania is one of our leading agricultural states and I must admit I wasn't fully aware of this. But in just 22 days, these people made sure I got into it in a hurry."

And, Dr. Jordan got into it in Lancaster County in a tour of the Southeast Research Farm test plot facilities, that range from table grapes and tomatoes to the more traditional field crops of alfalfa and tobacco.

While having primarily a music and administrative academic background, Dr. Jordan is not a complete stranger to the soil though. He was born in the hot dryland ag area of Clovis, New Mexico and has owned a 600-acre wheat farm in that state for the past couple of decades.

But Pennsylvania's diversified agriculture is a bit different, even though it's likely been just as hot and dry for the past month.

John Yocum, supervisor of the Penn State research farm at Landisville, helped fill him in concerning the ag diversity during a wagon tour.

Jordan, Smith and Ag Secretary Hallowell jointly explained that future emphasis of ag support will be centered in the area of farm product marketing, both domestically and for export.

"Marketing is one of the major problems of everyone in agriculture," Dean Smith explained, "and we'll be pushing hard in this area."

Dr. Jordan is fully aware that a good bit of the future of the university and agriculture will be linked to modern technology, particularly the computer.

Jordan also emphasized that the university will have to go after top personnel in computer science – one of the academic areas with the greatest shortage. Different, supplemental funding might be necessary to attract such people, he explained.

And one of the computer areas of interest to all farmers will be the establishment of a network tying all of the county Extension Offices to the main campus.

"Dean Smith and I have already started talking about this," Jordan said.

The university will be active, selective and fussy about granting tenure in recruiting staff replacements, such as in the ag college, which is now sh... a resurgence in student enrollment, Jordan said.

Turning to finances, Jordan said:

"We know the state has financial difficulties, but were very buoyed by the four percent increase in the state appropriation to the university this year.

"But tuitions can't rise much farther and we must continue to narrow the gap between the state appropriation and the university's total operating budget."

As far as an overall general operating philosophy at Penn State, Dr. Jordan had this summary:

"As a broad-based land grant university, we must desire to meet both educational needs and societal needs.

"We must get back to looking at priorities again."

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Berks Holstein picnic

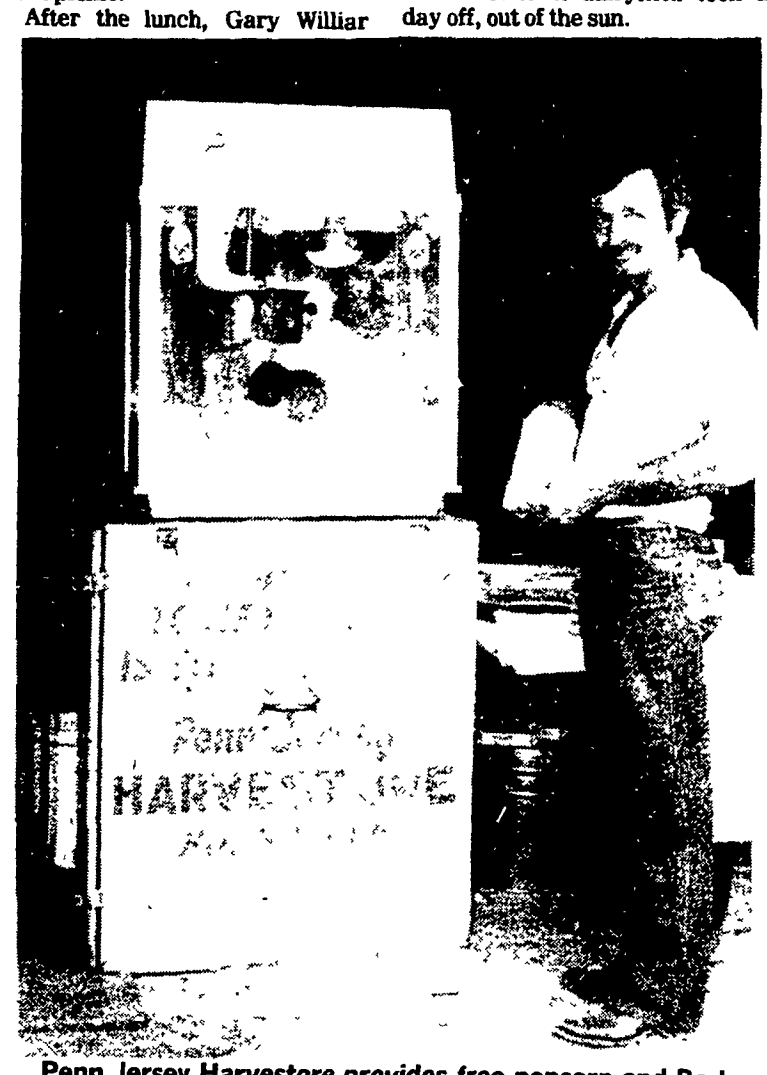
(Continued from Page A27)

Hamburg, 2nd - Doyle Stump, 3rd - Jay Bicksler, 4th - Stacey Myers. Ten awards were given in each group. Prizes were donated by area businesses and top winners were given first choice.

Dairymen were treated to a catered lunch sponsored by the Berks Holstein Club. The Berks County Holstein Club makes a large portion of its total revenue from its annual Holstein Sale in July and uses a part of this revenue to treat its members to their annual picnic.

After the lunch, Gary Williar was on hand to speak to dairymen about improving their herds. Stating that he has worked in the dairy business his entire life, Williar told all dairymen that with the advanced genetics of today, they are able to improve both the type and production in their herds.

The picnic committee consisted of Dennis Sattazahn, Ray Bicksler, and Nelson Troutman, with Bicksler as chairman for the event. They picked a perfect day for relaxing in the shade, viewing top cows, and eating ice cream as Berks Holstein dairymen took a day off, out of the sun.



Penn Jersey Harvestore provides free popcorn and Berks County dairyman Don Myers partakes.

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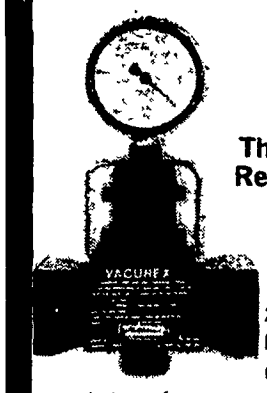

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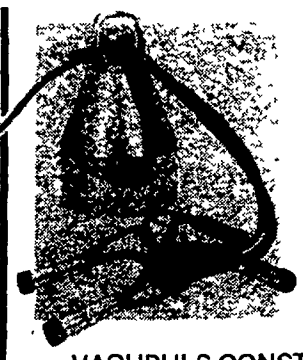

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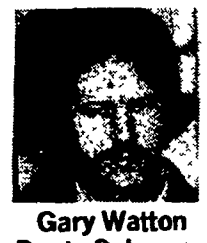

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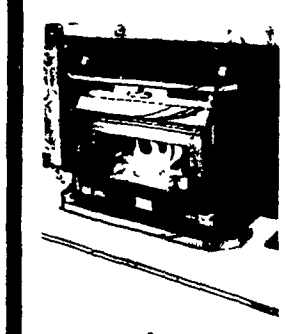

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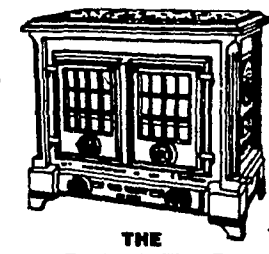

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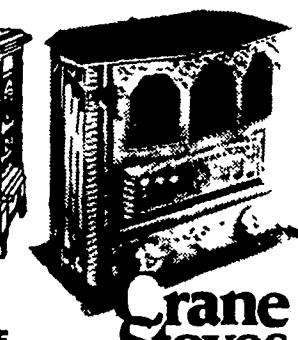

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Delaware State Fair names winners in

(Continued from Page A1)

sheep being shown are both on the rise this year. Perhaps this is due to the efforts of the Delaware Sheep and Wool Producers Association.

The majority of sheep shown came from New Castle County, reflecting an increase of sheep on small or part-time farms in the northern part of the state.

A listing of the first place winners in each sheep class follows.

In the dairy show the Grand Champion winners for each breed were:

Ayrshire - Rockland Yogi's Violet, exhibited by Laurie Moore of Rockland Farm in Bear.

Guernsey - U of D Jolly Beauty, exhibited by the University of Delaware, Newark.

Holstein - Terrapin Chief, a 2E 90 aged cow exhibited by Cain-View Farm of Harrington.

Jersey - S. E. Allen Bruces Bebe, a 4-year-old exhibited by Kalmar Farm of Harrington.

A partial listing of the dairy winners also follows.

Best Udder Overall Breeds
1 Norman Voss-2 yr old-tblst
2 Univ of Del 4 yr old Guernsey

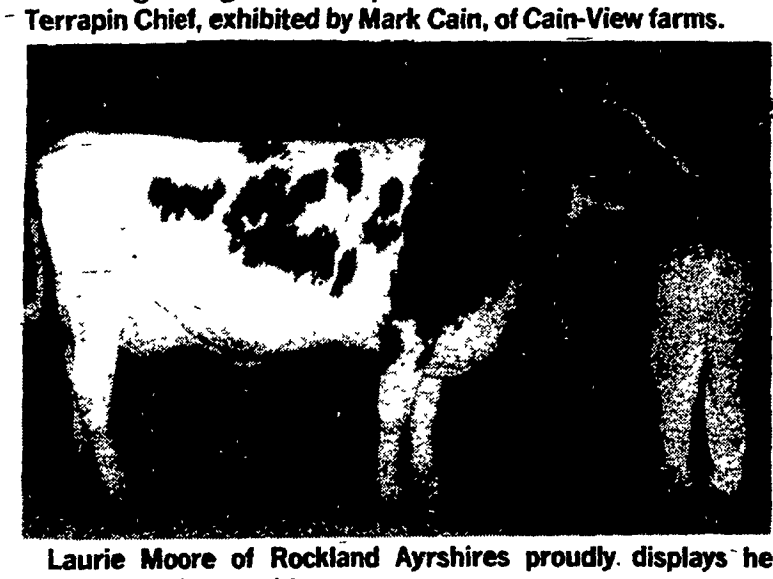
OPEN AYRSHIRE SHOW
Bull Calf
1 Howard Webb, 2 Laurie Moore
Junior Heifer Calf
1 Laurie Moore, 2 William P Green, Jr, 3 Howard Webb
Intermediate Heifer Calf
1 Howard Webb, 2 Laurie Moore
Senior Heifer Calf
1 Laurie Moore, 2 Laurie Moore, 3 Howard Webb
Junior Yearling Heifer
1 Howard Webb, 2 Laurie Moore, 3 Laurie Moore
Senior Yearling Heifer
1 Leslie Moore, 2 Howard Webb, 3 Brandy Baker
Junior & Reserve Junior Champion Females
1 Laurie Moore
Junior Get of Sire
1 Laurie Moore, 2 Howard Webb
2-Year-Old-Cow
1 Leslie Moore, 2 Laurie Moore, 3 Joe Bell
3-Year-Old Cow
1 University of Delaware
4-Year-Old Cow
1 University of Delaware
Aged Cow
1 Laurie Moore
Dry Cow
1 Leslie Moore 2 University of Delaware
Senior & Grand Champion Female
1 Laurie Moore
Reserve Senior & Grand Champion Female
1 Leslie Moore
Produce of Dam
1 Laurie Moore, 2 University of Delaware 3 Sassy Acres
Dam and Daughter
1 Laurie Moore, 2 University of Delaware 3 Leslie Moore
Best 3 Females
1 Laurie Moore 2 University of Delaware, 3 Leslie Moore

OPEN JERSEY SHOW
Bull Calf
1 Jeffrey Jewell
Yearling Bull
1 Heaven Sent Farm, 2 Thomas J Eliason, 3 Heaven Sent Farm.
Junior and Grand Champion
Heaven Sent Farm
Junior Heifer Calf
1 Bona Kling Farm, 2 Kelmar Farm, 3 Joyce & Stanley Barczewski
Intermediate Heifer Calf
1. Kalmar Farm, 2 Bona Kling Farm, 3 Joyce & Stanley Barczewski
Senior Heifer Calf
1 Kalmar Farm, 2 Bona Kling Farm, 3 Debra Stewart
Junior Yearling Heifer
1 Kalmar Farm, 2 Joyce & Stanley Barczewski, 3 Kalmar Farm
Senior Yearling Heifer
1 Jeffrey M Jewell, 2 Bona Kling Farm, 3 Joyce & Stanley Barczewski
Junior Champion
Kelmar Farm
Junior Reserve Champion
Kalmar Farm
Junior Get-of-Sire
1 Bona Kling Farm, 2 Joyce & Stanley Barczewski
Young Herd
1 Kalmar Farm, 2 Bona Kling Farm
2-Year-Old Cow
1 Kalmar Farm, 2 Bona Kling Farm
3-Year-Old Cow
1 Kalmar Farm, 2 Thomas J Eliason, 3 Joyce & Stanley Barczewski
4-Year-Old Cow
1 Kalmar Farm 2 Joyners Jerseys
Aged Cow
1 Bona Kling Farm 2 Joyce & Stanley Barczewski
Dry Cow
1 Kalmar Farm
Senior and Grand Champion
Kalmar Farm
Senior & Reserve Grand Champion
Bonakling Farm
Udder Class
1 Kalmar Farm 2 Bona Kling Farm 3 Kalmar Farm
Produce of Dam
1 Bona Kling Farm, 2 Kalmar Farm
Dam & Daughter
1 Bona Kling Farm 2 Kalmar Farm, 3 Joyce & Stanley Barczewski
Best 3 Females
1 Kalmar Farm 2 Bona Kling Farm 3 Kalmar Farm
Dairy Herd
1 Kalmar Farm

OPEN HOLSTEIN SHOW
Bull Calf
1 Hall Torbert, Jr, 2 Ernest Vogel, Jr, 3 H W Cook & Sons
Yearling Bull
1 Crystal Geradi
Junior and Grand Champion Bull
Crystal Geradi
Junior Heifer Calf
1 Norman W Voss, Jr; 2 Ayrestead Farm 3 Laura Phipps
Intermediate Heifer Calf
1 Norman W Voss, Jr, 2 Laura Phipps, 3 George Dixon
Senior Heifer Calf
1 Norman W Voss, Jr, 2 Phyllis and Levis Phipps, 3 Breck Vanderwende
Junior Yearling Heifer
1 Martha Phipps 2 John E Green, 3 Laura Phipps
Senior Yearling Heifer
1 Will Phipps, 2 Allen Cook III, 3 Charles & Charmayne Busker
Junior Champion
Will Phipps
Junior Reserve Champion
Martha Phipps
Junior Get of Sire
1 Cain-View Farm, 2 Dixiedel Holstein
Young Herd
1 Dixie Holsteins, 2 Hall Torbert, Jr, 3 H W Cook & Sons
2-Year-Old Cow
1 Norman W Voss, Jr, 2 Charles & Charmayne Busker, 3 Cain View Farm
3-Year-Old Cow
1 Hayland Farm, 2 James Vanderwende, 3 Debbie & Herman Cook
4-Year-Old Cow
1 Norman W Voss, Jr., 2 William Vanderwende, 3 Richard Green, Sr
Aged Cow
1 Cain-View Farm, 2 Cain-View Farm, 3 Norman W Voss, Jr
Dry Cow
1 Norman W Voss, Jr, 2 Dixiedel Farm, 3 Dale Cook
Senior & Grand Champion Female
Cain-View Farm
Senior Reserve & Reserve Grand Chmpion Female
Norman W Voss, Jr
Udder Class
1 Norman W Voss, Jr, 2 Maurice Adams
Produce of Dam
1 Wade Caldwell, 2 Laura Phipps, 3 Crystal Geradi
Dam and Daughter
1 Norman W Voss, Jr 2 Crystal Geradi, 3 H W Cook & Sons
Best 3 Females
1 Norman W Voss, Jr, 2 William Vanderwende 3 Phyllis & Levis Phipps
Dairy Herd
1 Norman W Voss, Jr, 2 William Vanderwende 3 Crystal Geradi
Senior Get of Sire
1 William Vanderwende

OPEN GUERNSEY SHOW
Grand Champion Bull
Barbara A McClements
Junior Heifer Calf
1 University of Delaware, 2 & 3 Barbara A McClements
Intermediate Heifer Calf
1 Barbara A McClements, 2, University of Delaware
Senior Heifer Calf
1 University of Delaware
Junior Yearling Heifer
1 Elaine Shorts, 2 Seegar Farm, 3 University of Delaware
Senior Yearling Heifer
1 Seegar Farm, 2 University of Dealware 3 Barbara A McClements
Junior Champion
Seegar Farm
Reserve Junior Champion
Elaine Shorts
Junior Get-of-Sire
1 Barbara A McClements
2-Year-Old Cow
1 Barbara A. McClements, 2 University of Delaware, 3 Barbara A McClements
3-Year-Old Cow
1 University of Delaware 2 Seegar Farm
4-Year-Old Cow
1 University of Delaware
Aged Cow
1 University of Delaware
Senior & Grand Champion
University of Delaware
Dam and Daughter
1 University of Delaware, 2 Barbara A. McClements
Best 3 Females
1 University of Delaware, 2 Barbara A McClements
Dairy Herd
1 University of Delaware

Winning the grand champion in the Holstein breed was Terrapin Chief, exhibited by Mark Cain, of Cain-View farms.



Laurie Moore of Rockland Ayrshires proudly displays her grand champion Ayrshire.

Mrs. Eliason and William Eliason won the Grand Champion Jersey with their Kalmar 4-year-old.

Sheila Simmons, right, present Walter Haenlein with the rotating Lloyd Simmons award for the Grand Champion Guernsey.

Newly crowned Delaware Dairy Princess Mary Lou Parry, seated, poses for photographers with alternate Sondra Warren, left, and retiring Princess Holly Webb.

After the dairy show was complete, it was time to crown the 1983 Delaware Dairy Princess. This year there were five contestants, Sondra Warren, Christine Majchrzak, Laura Anne Severs, Carol Sue Beddle, and Mary Lou Parry.

Each contestant put on a skit for the audience, and was interviewed by master of ceremonies, Dennis Hazzard. After the five varied and humorous skits, the three judges retired to make their final decision.

Holly Webb, the retiring Dairy Princess gave remarks on her past year as Princess. She thanked Delaware dairymen for the opportunity to serve them, and for a wonderful learning experience. She said she felt very honored to have taken part in the ceremony when Governor DuPont declared milk Delaware's official drink.

When the votes were in, Mary Lou Parry, a University of Delaware senior in agriculture education won the title of 1983 Delaware Dairy Princess. Alternate Princess is Sondra Warren of Frederica.

4-H Judging Contest Results
Clothing
1 Janene Zareo, 2 Barbara Travis, 3 Lisa Eger, 4 Dawn Bailey, 5 Sandy Burger, 6 Amy Elliot, 7 Heather Williams 8 Shelly Tucker 9 Jennifer Twitchell
Poultry
1 Bonnie Hurd, 2 Bambi Biggs, 3 Adam Carrow, 4 Valerie Moore, 5 Paula Singler, 6 Sheila Buss, 7 Kevin Herrman, 8 Jeff Clark 9 Christy Harvey
Livestock
1 David Moore, 2 Daniel Moore, 3 Robert Tull, 4 Chris Marchzak, 5 William Green, 6 Chris Kirk, 7 Melissa Wilson, 8 T V Horeis 9 Robin Loockerman
Consumer Education
1 Jacalyn Taylor, 2 Brent Hopkins 3 Kim Zeitler, 4 Jason Powell, 5 Sandy Miller, 6 Kristen Smect 7 Cathy Carlson, 8 Kristen Rush, 9 Brend Farabaugh
Photography
1 Ashesh Champaneria, 2 Elizabeth Jackson, 3 Andrew Durbin, 4 Aarti Champaneria, 5 Beth Kimble 5 Cheryl Howman, 7 Clarence Dickerson Jr, 8 Stephen Carroll, 9 Jimmy Goldsberry
Dairy
1 Julie Green, 2 Cheryl Warren, 3 Wade Caldwell, 4 David Hudson, 5 Lynn Sheets, 6 John Green, 7 Laurie Moore, 8 Kenny Warren, 9 Stephan Cook
Horse
1 Dana Banks, 2 Laura Madera 3 Lori Senos 4 Leslie Tyler, 5 Mike Arthur 6 Debbie Stringer, 7 Laura Falconetti, 8 Jennifer Carroll, 9 Cathy Wapnariac
Foods
1 Trina Roy, 2 Rebecca Farabaugh, 3 Mary Schubert, 4 Laura Durbin, 5 Robin Zareo, 6

(Turn to Page A35)

open competition—sheep, dairy & swine

Jeanne White, 7 Sandra Warren, 8 Candee Clifton, 9 Carol Fleetwood

Woodworking

1 James Williamson, 2 David Simpson, 3 Robbie Wix, 4 Robbie Short, 5 Rose Sherman, 6 Charles Miller, 7 Joseph Hautman, 8 Stroman Watford, 9 Chris Melson

Horticulture

1 Jean Groff, 2. Karen Taylor, 3 Gail Heinold, 4 Jennifer Craig, 5 Russel Carlisle, 6 Debbie Taylor, 7 Janelle Taylor, 8 Brian Wisk, 9 Michelle Slayton

Ray Staats and Debbie Hearn were top winners in the open swine competition on Wednesday. Both claimed many blue ribbons and grand champion awards.

J. G. Warfield was the official Judge of the open Swine show. Warfield faced a hectic schedule, Wednesday, as he selected top winners from parading pigs by process of elimination.

Warfield said, "I judged here three or four years ago, and I can see a significant improvement in the quality of hogs. There are alot of good hogs here this week."

OPEN SHEEP SHOW

Dorsets

Bruce Betts won first for Ram Lamb Grand Champion Ram, 2 Ram Lambs, Aged Ewes, Ewe Lambs, Grand & Reserve Grand Champion

William Green won first for Reserve Grand Ram, Yearling Ewe, Pair Ewe Lambs Get of Sire and Breeder Flock

Hampshires

Kevin Herrman won firsts for Aged Ram Yearling Ram, Ram Lamb, Grand & Reserve Grand Ram, and Breeder Flock

Valerie Moore won first for Aged Ewe Ewe Lamb, Grand & Reserve Grand Ewe Pair Ewe Lambs, and Get of Sire

South Downs

Aged Ram - Wayne Martine

John Workman won Yearling Ram, Grand Champion Ram, Ewe Lamb, Pair Ewe Lambs & Get of Sire

Bruce Betts won firsts for Ram Lamb, Reserve Grand Champion, 2 Ram Lambs Aged Ewe Yearling Ewe, Grand & Reserve Grand Champion Ewe, and Breeder Flock

Suffolk

David Mitchel - Aged Ram Melissa Wilson Aged Ewe

Karen Hoosier - Yearling Ewe, and Grand Champion Ewe

Mark Taylor won firsts for Ram Lamb Grand & Reserve Grand Champion Ram, 2 Ram Lambs Ewe Lamb, Reserve Grand Champion Ewe, Pair Ewe Lambs, Pair Yearling Lambs, and Get of Sire

Fleece Competition

1 Melissa Wilson, 2. Karen Hoosier, 3 Mark Taylor

Shearing Contest

1 Martha Klair

Judge J.G. Warfield evaluates the hogs being paraded by Debbie Hearn and Roy Staats.

Swine Open Show

Berkshire Classes

David and Edward McClements of Clayton De won all awards in boar and sou classes

They received Junior, Grand Reserved and Senior

McClements also won Senior Junior Grand and Reserved Champion Sow

They also received awards for Senior and Jr Get of Sire, Produce of Dam, and Hog Breeder Feeder Class

Duroc-Jersey Classes

Richard Niblett of Bear De., won Jan Boar 1st 2nd - Feb Boar 1st Jr Champion Boar Grand Champion Boar Jan Sow 1st Senior Champion Sow Feb Sow 1st Junior Champion Sow Get of Sire-1st Produce of Dam 1st Hog, Breeder-Feeder Class 1st and 2nd

Hampshire Classes

Ray Staats of Smyrna, De won Jan Boar 1st Feb Boar 1st March Boar 1st and 2nd Junior Champion Boar Grand Champion Boar Feb Sow 1st and 2nd March Sow 2nd and 3rd Jr Herd 1st Produce of Dam 1st Hog, Breeder-Feeder 1st

Keith Shane of Smyrna De March Sow 1st Junior Champion Sow, Grand Champion Sow

Spotted and Black Poland China

Bonnie and Barbara McClements of Dover, De won Nov-Dec Boar-1st, 2nd, 3rd Jan Boar 1st 2nd 3rd Senior Champion Boar Feb Boar 2nd 3rd, 4th Reserved Champion Boar Nov Dec Sow 1st, 2nd, 3rd, 4th Jan Sow 1st, 2nd 3rd, 4th Senior Champion Sow Feb Sow 1st, 2nd 4th March Sow 1st 2nd 3rd 4th Junior Champion Sow Grand Champion Sow Reserved Champion Senior Herd 1st 2nd Junior Herd 1st, 2nd Get of Sire 1st, 2nd 3rd 4th Produce of Dam 1st 2nd 3rd 4th

Chris and Matt Kirk of Laurel De won Feb Boar 1st Jr Champion Boar Grand Champion Boar Feb Sow 3rd

Yorkshire

Jan Boar Deborah Hearn, 1st and 2nd

Senior Champion Deborah Hearn

Feb Boar 1st Deborah Hearn 2nd & 3rd Ray Staats

March Boar 1st & 2nd Ray Staats 3rd Richard Niblett

Jr Grand and Reserved Champion Boar Deborah Hearn

Sr Champion Sow Deborah Hearn Feb Sow 1st Ray Staats 2nd Deborah Hearn, 3rd Ray Staats

March Sow 1st and 2nd Ray Staats 3rd Richard Niblett

Junior, and Grand Champ sow Ray Staats Reserved Champ sow Deborah Hearn

Senior & Junior Herd Deborah Hearn 1st

Get of Sire 1st & 2nd Deborah Hearn 3rd Richard Niblett

Produce of Dam 1st & 2nd Deborah Hearn 3rd Richard H Niblett

Hog Breeder Feeder 1st & 2nd Deborah Hearn 3rd Richard Niblett

Other Breeds and Crossbreeds

Jan Boar 1st Laura A Severs Sr Champ and Feb Boar Laura Severs

March Boar Louis Wright, Jr Champ and Grand and Reserved Champ boar Laura Severs

Nov Dec Sow 1st & 2nd Laura Severs 3rd Louis Wright

Jan Sow 1st & 2nd John Kling 3rd Christine Jernigan

Sr Champ John Kling

Feb Sow 1st Lin Martin 2nd Donna Moore, 3rd Dawn Beauchamp

March Sow 1st Steve Sterling of Smyrna De., 2nd Louis Wright of Felton De., 3rd Debbie Klair of Hockessin De 4th Phyllis Wright of Wyoming De

Jr Champ Lin Martin

Grand Champ Lin Martin

Reserved Champ John Kling

Senior Herd Laura Severs 1st

Junior Herd Laura Severs 1st

Get of Sire-(1) Jeff Beauchamp (2) Laura Severs

Produce of Dam (1) Jeff Beauchamp (2) Laura Severs

Hog Feeder Breeder Laura Severs 1st & 2nd

Barrow Classes

I Lightweight

1st Edward McClements Clayton De

2nd Keith Shane Smyrna De

3rd Ray Staats Smyrna, De

4th Stephan Majchrzak Seaford De

5th Christine Maychrzak Seaford De

6th Chris Burke Hockessin De

Barrow Classes

II Middleweight

1 Ray Staats Smyrna De

2 Stephan Majchrzak

3 Deborah Hearn

4 Deborah Hearn

5 Anthony Ray Joseph

6 Ray Staats

III Heavyweight

1 John Kling Wyoming De

2 Donna Moore-Bear, De

3 Chris Martin Milton De

4 Ray Staats

5 Richard Niblett

6 Deborah Hearn

Grand Champion Barrow John Kling

Reserved Champion Barrow Edward Mc Clements

IV Trio-160-200 lb

1 Ray Staats

2 Laura Severs

3 Louis Wright

4 Louis Wright

V Trio-Heavyweight

1 Richard Niblett

2 Lin Martin

3 Ray Staats

4 Deborah Hearn

5 Anthony Joseph

6 Steve Majchrzak

VI Hog, Breeder Feeder Class

1 Deborah Hearn

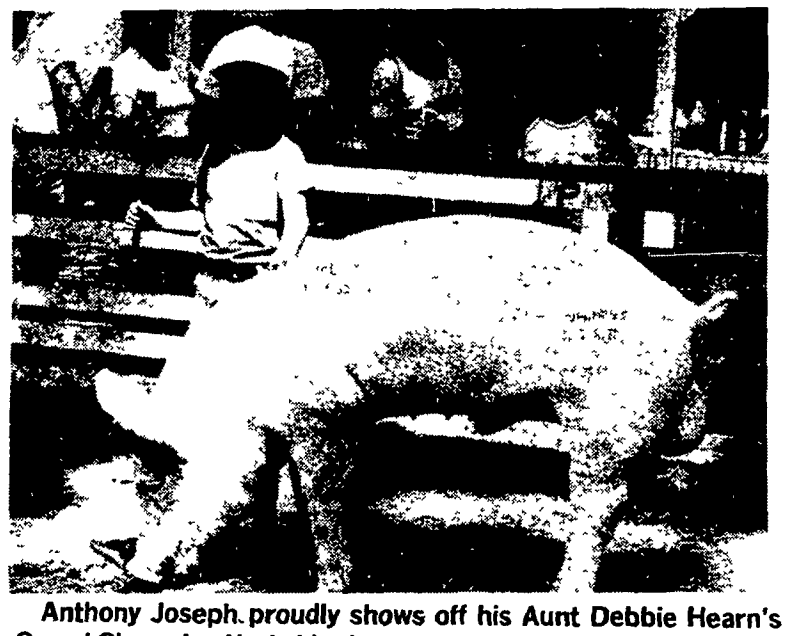
2 Ray Staats

3 Richard Niblett

4 Edward McClements

5 Deborah Hearn

6 Richard Niblett



Anthony Joseph proudly shows off his Aunt Debbie Hearn's Grand Champion Yorkshire boar.

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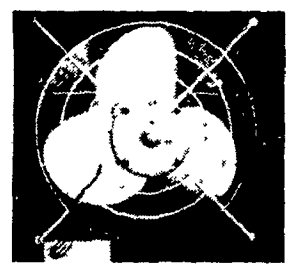

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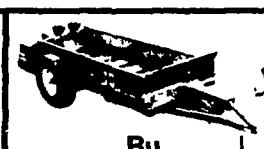

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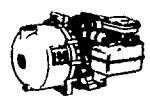

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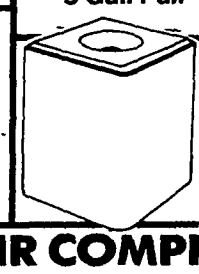

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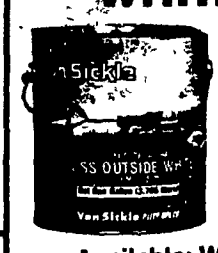

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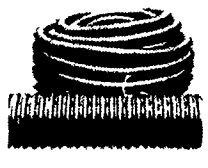

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Corn is more than a foot shorter

HARRISBURG — Hot and humit weather conditions again prevailed over much of the commonwealth during the week ending July 24, although scattered showers mid-week provided some relief. Five days were rated suitable for field activities according to the Pennsylvania Crop Reporting Service.

Activities for the week included: making hay and haylage, combining barley and wheat, baling straw, spraying corn and alfalfa, picking cherries, trimming pastures and testing soil.

Soil moisture supply throughout Pennsylvania was reported to be 96 percent short and four percent adequate. The central region reported 91 percent short and nine percent adequate, while both the northern and southern regions reported 100 percent of their soil moisture short.

Corn throughout the commonwealth averaged 46 inches high, 14 inches shorter than last year at this time. Growth increased by eight inches from the previous week. Prolonged dry weather caused some bottom leaf kill and some curling of the top leaves. The southern region reported some corn in the silk stage.

The barley harvest in the state is nearing completion, with 88 percent of the crop harvested compared to last year's 86 percent harvested. The northern region reported 70 percent harvested, while the central region reported 89 percent harvested. The southern region reported virtually all barley was harvested.

Statewide, wheat was about three percent headed, 15 percent turning yellow, 26 percent ripe and 56 percent harvested, compared with six percent turning yellow, 34 percent ripe and 60 percent harvested last year. The northern region reported 11 percent headed, 39 percent turning, 41 percent ripe and nine percent harvested. The central region reported 11 percent turning, 25 percent ripe and 64 percent harvested. The southern region reported 13 percent ripe and 87 percent harvested.

Pennsylvania oats are 30 percent headed, 43 percent turning yellow, 22 percent ripe, and less than five percent harvested, compared with 14 percent headed, 54 percent turning yellow, 25 percent ripe and less than five percent headed, 54 percent turning yellow, 25 percent ripe and less than five percent harvested last year. The northern region reported 59 percent headed, 38 percent turning yellow, and less than five percent ripe. The central region reported 31 percent headed, 49 percent turning yellow, and 20 percent ripe. The southern region reported 37 percent turning yellow, 48 percent ripe and 15 percent harvested.

The second cutting of alfalfa is 63 percent complete, compared to 46 percent cut last year at this time. The northern region reported 29 percent of second cutting alfalfa complete. The central region reported 60 percent complete, while the southern region reported 92 percent complete. Weevil and spittlebug damage was reported in most areas, as spraying continues.

Statewide, the first cutting of clover-timothy stands were vitually complete, compared to 94 percent complete a year ago. The northern region reported 93 percent harvested, while both the central and southern regions reported first cutting clo-tim stands virtually complete.

The quality of hay made during the week was rated good by 71 percent of the reporters and fair by 29 percent. The amount of feed obtained from pastures was rated average by 33 percent and below average by 67 percent. Growth of both hay fields and pastures has been quite slow due to lack of rain.

Londondale sweeps Jefferson Holstein show

BY DONNA McCONAUGHEY

BY SYKESVILLE — Jefferson County Fair dairy exhibitors and judge, Patty McMurray, found the competition stiff during the open dairy show which included nearly 250 head of cattle.

Difficult competition didn't slow down Londondale Farms, of Punxsutawney, as they made an almost clean sweep of the top Holstein awards. The Holstein breed had the largest representation with over 130 head exhibited.

Londondale's list of laurels for this week began with Champion and Reserve Champion Bulls, Junior and Reserve Junior Champion and Grand Champion Females, Premier Exhibitor and Premier Breeder.

The London family have combined typy, prize-winning cows with a herd average of 23,956 lbs. of milk and 912 lbs. of fat and have achieved the result of being one of the top Holstein herds in Pennsylvania.

An example of this is Grand Champion, Londondale Merit Martha, who is sired by Caernarvon Dutchoe and is projected at 25,145 lbs. of milk and 1232 lbs. of fat as a 4-year-old.

A family operation, Londondale Farms is owned by Arthur and Ruth London. The London's son, Dennis, is employed full-time on the farm, and son, Jim, works for Atlantic Breeders and helps part-time on the farm. The Londons milk 55 Holsteins and farm a total of 383 acres, with approximately 200 acres being tillable.

The only Holstein championship escaping the grasp of Londondale Farms was Reserve Grand Champion honors.

This award was claimed by Corbinview Sweet Prize, owned by Robert Reed, also of Punsutawney. The 3-year-old cow is sired by Sweet-Haven Lochinvar Boots and has completed a 288 day record of 17,106 lbs. of milk and 580 lbs. of fat.

Robert is the son of Richard Reed and is employed full-time on his family's Lee-Ann dairy.

The Jersey breed also presented a strong showing with over 60 head exhibited.

Again, one family dominated the winner's circle. Lisa Shepler, a Reynoldsville 4-H member, took home both Grand and Reserve Champion honors. the Shepler family has an All-Jersey herd which includes 80 cows in the milking herd with a herd average of 11215 lbs. of milk and 531 lbs. of fat.

Lisa owns nearly 20 head of Jerseys herself. Her senior 2-year-old, Samsons Fancy Brandy, was named Grand Champion of this show. The Reserve Champion was Elm View Midas Missy, sired by Milestone Midas. This 5-year-old is projected at 11400 lbs. of milk and 520 lbs. of fat.

Guernsey competition found Carol and Mark Pifer, of Reynoldsville, at the top of the ladder. Their 3-year-old, Atlantic QueenB, took Champion honors. Transfers Queen Elizabeth, a 5-year-old projected at 15,496 lbs. of milk and 559 lbs. of fat, came in a close second with Reserve Champion honors.

The Pifers milk an All-Guernsey herd of 44 cows and have a herd average of 13560 lbs. of milk a[illegible] 644 lbs. of fat.

The Jefferson County Fair Guernsey competition included more than 40 head of animals.

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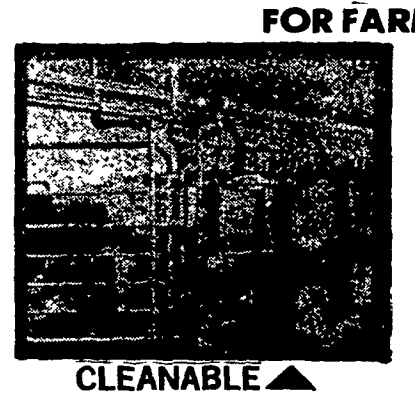

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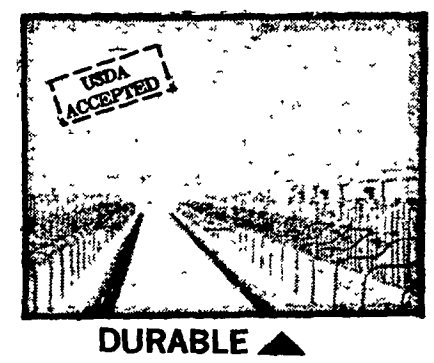

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Pa. leads in direct farm marketing

HARRISBURG — Summer is the best time to sample the true bounty of Pennsylvania agriculture, as mid-July through August brings the freshest, most flavorful locally grown fruits and vegetables to market.

Pennsylvania is the acknowledged leader in direct farmer-to-consumer marketing, a fact that is evident during peak harvest season. According to State Agriculture Secretary Penrose Hallowell, "Pennsylvania's nearly 2,000 direct farm markets take on many faces: from the large open air markets in our towns and cities, to roadside operations to even simple tables on farmers' front lawns.

"But no matter which market you choose, purchasing fresh produce from a direct farm markey will assure you of freshness and superior flavor at a very reasonable price," he said.

"That's why direct farm markets have become an important part of many Pennsylvania consumers' normal shopping routine. Farmers across the state have also found direct marketing a plus, in providing, a reliable outlet for their products."

Farm markets have a unique advantage — their produce is picked the day, sometimes within the hour, that it is sold. Fruits and vegetables picked ripe enjoy a flavor that those picked when still ripening cannot match.

In addition, farm markets eliminate many costs which might otherwise be passed on to the consumer. The farmer finds it profitable, while consumers pay a reasonable price. "Farmers receive less than 25 cents on each food dollar normally spent on fruits and vegetables. Through direct marketing, the farmer reaps the direct benefit of his work. Through careful shopping, consumers can save even more at direct markets. Prices can vary from one stand to the next, even in the same large farmers' market," he said.

For those who enjoy the outdoors, want exercise and maybe even an education, while getting the freshest product possible, Pick-Your-Own operations are the answer. Approximately 600 of these operations, from Chester County to Erie County, offer a wide variety of fruits and vegetables. Pick-Your-Own operations may offer apples, cherries, peaches, berries, beans and peas, tomatoes and peppers, for example.

Hallowell said consumers should check with the growers and markets in your area, for exact dates and hours of operation, and for harvest periods. Pick-Your-Own farms, roadside markets and farmers' markets can all be pleasant relaxed places of business, but trips to these markets call for courtesy and consideration, especially at Pick-Your-Owns. If you don't know how to pick an item, just ask someone who works at the farm. And always be sure you know which areas are open for Pick-Your-Own. Otherwise, you may pick the farmer's neighbor's crop or damage immature produce. Bring your own container if the farmer requests it, and park your car in any designated area.

Just about any product grown or produced on Pennsylvania's farms can be found at direct farmer-to-consumer markets. Beef, poultry, eggs, milk, cheese and other dairy products can all be purchased from producers at considerable savings.

"Favor your neighbor and buy Pennsylvania foods from our many direct marketers," Hallowell suggested. "A taste of fresh Pennsylvania farm produce will show you why we say 'Pennsylvania Agriculture — We're Growing Better!'"

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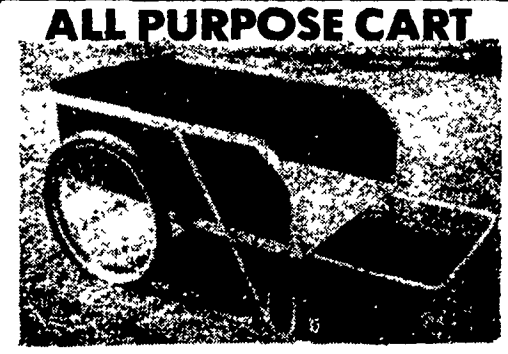

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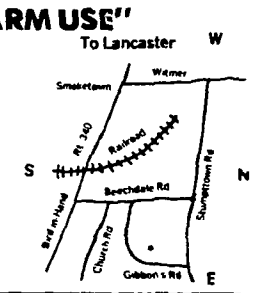

Order 4 hearings and what they mean

BY HAROLD SHELLY

ALLENTOWN — The public hearings on proposed changes in Federal Order 4, or the Mid-Atlantic Order, have completed their second week with no end of testimony or witnesses in sight. The government has reserved the meeting room at the local Holiday Inn through August 12, and unofficial estimates are that the complex problem will take from six months to a year to a final solution.

To a non-dairyman, Federal Order 4 would remain a mystery, were it not for the efforts of several persons directly connected with the Agricultural Marketing Service, USDA. To the unitiated, Federal Order 4 is a geographical area consisting of 14 southeastern Pennsylvania counties, nine south Jersey counties, the entire State of Delaware, all 21 Maryland counties and three counties in Virginia. It is also a legal arrangement designed to stabilize market conditions for fluid milk. The USDA, through the Secretary, issues regulations governing federal orders.

The regulations require handlers to pay certain minimum prices for milk, depending on the way the milk is used. They also require that milk payments be pooled and paid to individual farmers on the basis of an average or "blend" price.

There are two basic objectives for Federal orders. They assist farmers in developing steady dependable markets by providing prices for milk that are reasonable in relation to economic conditions, and assure consumers a constant supply of pure milk.

At the start of the present hearings, there are 12 proposals to be heard by the USDA's Administrative Law Judge, William J. Weber. Proposal Number 1, made by Pennmarva Dairymens' Federation, the Milk Distributors Association of Philadelphia, Inc., and the New Jersey Milk Industry Association, Inc., is a request to ammend the Middle Atlantic Marketing area by adding the following Pennsylvania counties: Berks, Carbon, Columbia, Lehigh, Luzerne, Monroe, Montour, Northampton, Northumberland, Schuylkill, Snyder and Union.

The remaining 11 proposals range from adding three Pennsylvania counties to the Middle Atlantic marketing area, to adding 20 Pennsylvania counties to Federal Order 2; to changes in transportation rates and changes in the wording of certain rules governing the marketing of fresh milk in the Northeast.

A formidable array of legal talent has been drawn up by both sides in this complicated matter. Pennmarva's spokesperson, Kathy E. Gill said, "It all boils down to money." Gill said that the price change could be as much as .04 cents per hundredweight, if all 12 counties and the 15 plants involved are included in the Federal 4 order change.

"The four cents per hundredweight isn't much in itself, but multiplied by 6,000,000,000 pounds of milk that is processed annually, the amount is 2.4 million dollars," Gill said.

Opponents to the change are led by Lehigh Valley Farmers, who also do business under the name of Atlantic Processing, Inc. It had been stated by Kathy Gill that the basis for the Lehigh Valley Farmers objections to the extension of Federal order 4 was that their Schuylkill Haven processing plant was not fully regulated under order 4, and that if the order were to be expanded, it would be costly to their operation.

In a telephone interview, a spokesperson for Lehigh Valley, who requested anonymity, said, "We believe there is no need for change. We do not feel disorderly marketing conditions exist." (Disorderly marketing was one of the reasons that Pennmarva had requested the hearings.)

The spokesperson continued, "We see no reason for further government regulation. There is no reason to extend Federal order 4 because it causes economic hardship." They made an alternate suggestion, "If they are really interested in order extension, why not combine orders 2 and 4?" This suggested combination would join southern New York and northern New Jersey (order 2) with the Middle Atlantic marketing area (order 4).

The Lehigh Valley spokesperson also said that most of northeastern pennsylvania is unregulated by USDA, and their organization is against any extension. "Marketing conditions haven't changed, so leave it as it is."

Lehigh Valley has officially suggested combining orders 2 and 4, but USDA said they would not consider it at this hearing. Lehigh Valley Farmers is a bargaining cooperative for farmer members that also does business as Lehigh Valley Farms, which is the trade name of Atlantic Processing, Inc.

The status of the hearings had changed as of the beginning of this past week. Both sides had agreed to postpone hearings on Proposals 1-2-3 until August 2 because of their complexity Proposals 4 through 12 would be heard in the interval.

When Pennmarva's Kathy Gill was asked to comment on the Lehigh Valley statement that there was no disorderly marketing nor any need for a change, she replied, "We have no comment other than we believe there is need for a change."

Gill also said that in the 1975 decision by the USDA Secretary, which said no extension was necessary, there was insufficient competition and a lot of "captive markets." A captive market being when a retail chain owned their own bottling facilities. Milk was moving between Federal 4 and the

(Turn to Page A39)

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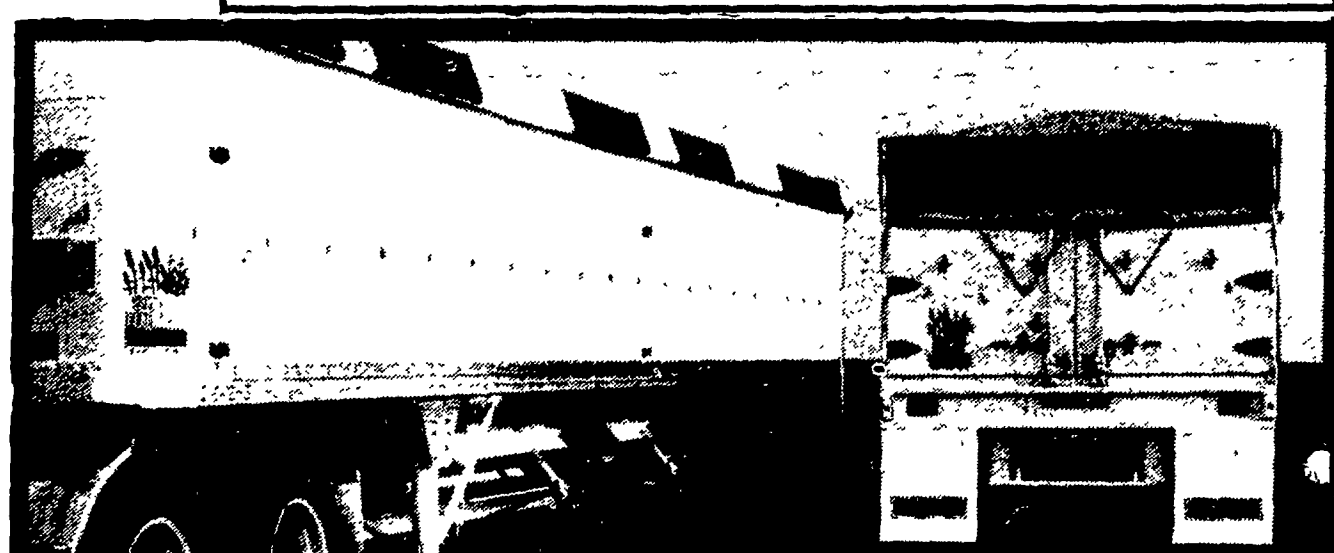

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Take cuttings of terminal shoots six inches long. Strip the foliage from the basal two-thirds of the stems. Dust the base of the cuttings lightly with rooting hormone and insert in rooting media. Sand or sand and peat moss are good. Moisten the media and place the cuttings, with container, in a large plastic bag in a well-lighted (not full sun) spot over bottom beat. The plastic allows exchange of air but retains moisture.

In coldframe propagation, take cuttings in early autumn. Roots do not form until the following spring or early summer. Do not transplant the rooted plants for further growth until late summer or the second spring. Two or three growing seasons are needed for the plants to be large enough to have ornamental value.

To learn more about how to increase your plants, send for Penn State's course. You get the complete course by sending $9.25, including handling, to PLANT PROPAGATION, Dept. 5000, University Park, PA 16802. Make check payable to PENN STATE.

Lancaster Holstein Club

(Continued from Page A30)

prominent breeder in Central Pennsylvania.

The cows were shown by Frey's children, John, James, Sheila and Sylvia. Events were announced by Rick Hess.

Following the judging, everyone headed for the tent for lunch, a much-needed drink of cold milk and some shade from the sun.

After lunch, the crowd was treated to the program "The Farm Family Can Survive the 80s," presented by Joyce Hershey, wife of Arthur D. Hershey, Cochranville, member of the Pennsylvania General Assembly.

Mrs. Hershey listed the 3 R's in coping with stress on the farm. This was her advice: "Remove bad attitudes. Respond with clear thinking and revamp our lives to face the future." She advised the audience to accept the challenge of the future and to make the best of every day.

Mrs. Hershey is the author and editor of the soon-to-be-released cookbook, entitled "Bounty of Chester County."

The winners in the judging contest were also announced.

In the youth category, first, second and third place winners, respectively, were: Nevin Horning, Karen Shertzer and Ivana Lapp.

Joyce Hershey, speaker at the Holstein Club Field Day, spoke on coping with stress on the farm.

Winners in the women's category were: Gerry Hershey, Trish Miller and Mim Kauffman, and the winners in the men's group were: Tom Lapp, Paul Garber and Leonard Stoltzfus.

Tom Lapp was also named the overall top winner.

Order 4

(Continued from Page A38)

extension area under different farmer pricing plans.

Handlers are now in substantial competition with one another, so the proposal should be approved, Gill said. She also said that the ammendment or extension to Federal 4 was necessary, because under PMMB regulations, cooperatives don't have to pay PMMB minimum prices because of re-blending. This gives co-ops a price break over other handlers, because handlers in substantial competitin with one another are paying widely divergent prices for raw milk. Gill said, "The hearings would not have been called if there had not been marketing problems. Historically, there have been changes in Federal regulations after hearings of this nature."

Lancaster Farming will continue to provide coverage of this story that is of importance to the dairymen of northeastern Pennsylvania. One fact remains true. At all the hearings this reporter attended, there were more lawyers present than there were farmers!

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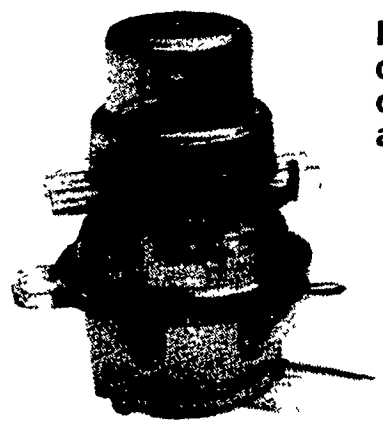

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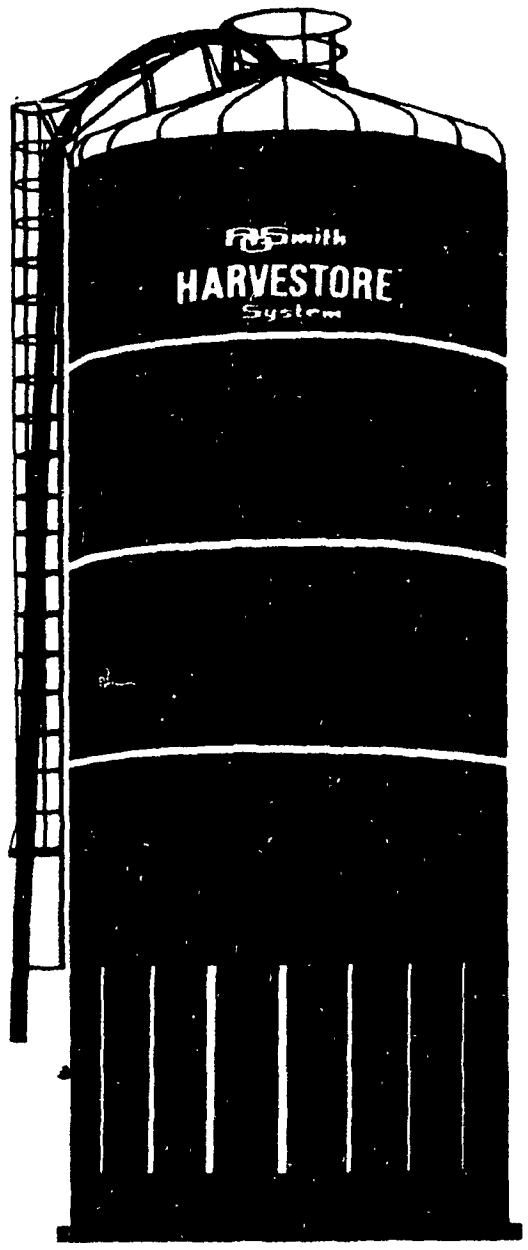

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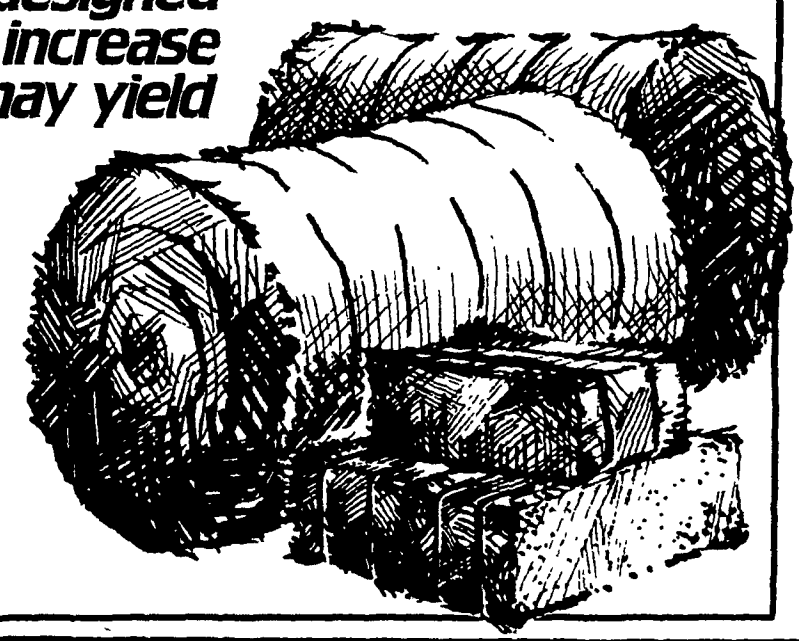

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Farm and Family: All in a Day's Work for Berneta

BY PATTY GROSS MOCK
Staff Correspondent

NEW ENTERPRISE — In 1982, when Jacob Snider built his farm in Bedford County, he probably dreamed of the farm passing down through the family. Today, he would be surprised, but proud, to see that the Snider Homestead is operated by his great-granddaughter, Berneta Snider Gable.

Bernard Snider's family operates two dairy farms totaling 600 acres at R1 New Enterprise. The Guernsey farm is run by his daughter, Berneta, while the five-year-old Holstein farm, Snider Vu Farm, is operated by her oldest brother, Bernard Jr., known as Tweet.

The 28-year-old woman farmer doesn't see herself as anything out of the ordinary. "More and more women are getting into farming," she says matter-of-factly. "I think there are more than most people think." The blonde curly-haired farmer says she is no different from other women or other farmers. "I do all the mowing of hay and other fieldwork. Whatever needs done I do it just like any farmer." Besides the fieldwork and milking, Berneta does the paperwork for both Snider herds.

The Bedford County woman has been involved with farming her entire life. For that reason, she feels very comfortable in the profession that is dominated by men.

"If a man sees that you know what you're talking about, I think he will respect you," believes Berneta. "If a woman wants to farm, there is no reason not too, as long as you have an interest. I think women can do as good a job as men. If I work at it, I can do a good job," she adds in a non-competitive tone.

Three-year-old Aaron Gable is an old hand at farming. He spends much of his time at the Snider Homestead, where his mother farms.

Berneta nurtured her interest in farming as a 4-H'er for 10 years. "When I was in 4-H there were about 10 of us around here. Now they have 20 or 30," she states proudly. "I especially like to see young girls in 4-H." As she reminisces about her childhood, you see the delight in the young woman's eyes. "We always worked around animals. I loved working here." In high school, Berneta helped on the farm and while attending Penn State, she worked on weekends.

One would assume that the young dairy woman graduated from the College of Agriculture at the university. She participated on the dairy judging team, however, Berneta explains that her degree is in physical education and health.

"If I had it to do over, I would have gone into agriculture," she confesses. "I know I've been asked a hundred times what I'm doing farming when I could be teaching," laughs Berneta. "I tell them that I love being outside and working outside."

The veteran farmer never thinks about taking a teaching position and giving up her current job. "I'm free of administration hassles. I'm on my own and I do what I want to do."

Berneta makes it clear that she wasn't just handed a farm and given free reign. When she graduated from college, her dad needed help milking. Berneta decided to take the job and assist her brother, Birch. He decided later to quit the farm and take a job driving heavy equipment. "I was sort of left here," she gladly admits. "I stuck with it."

"I think it's sad when children leave, and their parents have no one on the farm. They end up selling it," she says with a look of regret.

It hasn't been easy, but Berneta has realized her dream of operating a farm. She feels very lucky that she was given a chance because they had a family farm.

"It is hard for a family farm to keep its head above water," she states. "But I think anyone that's going to start out from scratch is going to have a tough, maybe even impossible, time of it these days."

Berneta is not one to complain, but when asked how tough things are for her, she responds, "they take that much more off with the 50 cents tax, but I still have the same bills to pay. Feed is going up...machinery prices are tremendous, and then you have repairs. I hate to see anyone going out of business. I can relate to their problems. I feel the strong will survive the rough times."

Twenty-eight-year-old Berneta, teacher-turned-farmer, milks her herd of Guerney cattle at her family farm.

The Snider Homestead, New Enterprise, Bedford County, was built in 1892 by Jacob Snider.

There are advantages to two farms in the same family located side by side. "It's like all in one," the Guernsey farmer explains.

In a pinch, when one farm has a feed storage, the other helps out. The Snider farms share the hired help, which is two fulltime men and three part-timers. They combine forces during the busy summer season to get the job done. "I just keep mowing, then someone else rakes and another follows along baling," smiles Berneta.

When help is needed Berneta and Tweet are always there with that unique brother-sister support. There are some major differences between the Morrisons Cove farms. Berneta's home base is her Guernsey herd. "We remodeled this barn about 23 years ago," she recalls as she looks over her property. The 96-year-old barn now has 40 comfort stalls. Five years ago, a pipeline milker was installed. In the summer months, the milking herd of 38 Guernsey cows are pastured on 20 acres. They own 80 Guernsey cattle.

Her brother milks 98 Holsteins on his 200 animal farm. Tweet has an 80-comfort-stall barn. He does not have access to pastureland, so the Holsteins are fed by feeder. "His barn is much more modern than this barn," says Berneta.

She confesses that in the future she would like to put a bunk feeder and silo in at the Guernsey barn. At the remark, she laughs, while adding that she hasn't told her dad about it yet. Bernard Snider oversees the two farms. Berneta explains that "he pays all the bills!"

The Sniders always had Guernseys, but when they purchased the new farm in 1978, they decided to invest in Holsteins. Production is down in both herds from a couple of years ago.

The Guernseys produce approximately 12,000 lbs. of milk with 525 lbs. of butterfat, while the black and whites are at 15,000 lbs. and 560 lbs. of fat. Berneta feels that the drop is not due to one thing, but a number of areas such as breeding problems and the buying of poor hay.

The young dairy farmer enjoys getting off the farm, especially if the time is spent showing off her cattle.

"I've always shown. You get it in your blood. I love it because I meet so many nice people," smiles Berneta confidently.

The Snider cattle can be found at

(Turn to Page B3)

Hired man Ken Corle helps Berneta Gable prepare Grandview F Penny for judging. Berneta takes a real interest in young people interested in farming. The Snider Homestead recently hosted the 4-H judging contest sponsored by the Pa. Holstein Association.

Homestead Notes

Farm and Family

(Continued from Page B2)

the All-American Show and the Bedford, Cambria, Clearfield and Fulton County fairs.

When you have prize winning cattle, everyone wants in on the action. Berneta says she furnishes cattle and helps seven 4-H'ers prepare for showing. Four of the youths are family members, while three hired men also show.

Her three-year-old son Aaron is getting a head start in farming thanks to his mother. He already has a calf for the county fairs. The Gables also enjoy riding horses. Berneta and her husband, Brad, have two horses and Aaron has his own pony to

A surveyor for the Pennsylvania Game Commission, Brad, does not have a farm background, but takes part in the farm work and makes it easier for Berneta to accomplish her tasks.

"He's really good about me farming. He helps bale hay and feeds the heifers. He also is my babysitter, when I come down to milk at five in the morning," she states thankfully.

Berneta also credits Brad, with preparing a delicious evening meal, when she is unable to handle the kitchen chores. "It's difficult for me to keep my house looking the way I want it to look. I go in cleaning splurges," she laughs.

Most people would be curious how a woman with long farm hours, a house to run and a family to care for finds the time for anything else. Relaxation and getting your mind off work are very important, according to Berneta. She enjoys keeping her large garden and overflowing flower beds in excellent shape. They compliment the beautiful old house which Brad and Berneta remodeled two years ago.

There is still much more to this farmer than first meets the eye. She is an exceptional first base player in the Morrisons Cove Softball League. Two nights a week, she is excused by her family and farmwork to play ball. "I tell my team not to expect me at practice when we're baling hay!"

A good book also helps Berneta unwind from an exhausting day. "I read a lot, every night before I go to bed. You'd think I'd be tired enough after working, but reading relaxes me and puts me to sleep."

Berneta is highly regarded in her community. Her support for area 4-H clubs and the United Church of Christ, in Loysburg, is greatly appreciated. She can be found singing in the choir on Sunday mornings and working as secretary of the Sunday School. A state director of the Pa. Guernsey Breeders Association and a past member of the Pa. Holstein Association, Berneta is often asked to judge the county 4-H round-up.

Berneta and her lifestyle are very compatible. The teacher-turned-farmer has what she wants in life. "I'll never give up farming," Berneta's voice is confident and comfortable when she adds, "my future is here."

Ida's Notebook

Ida Risser

A friend called this morning with the unpleasant news that their home had been burglarized during the night. The thieves were not satisfied to empty pocketbooks and wallets downstairs, but actually came into the bedrooms to steal money. They took other valuables, and then helped themselves to the contents of the freezer.

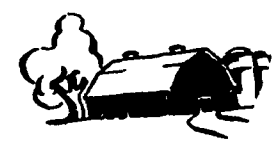
When she told me about these happenings, I got a creepy feeling. Who wants to think of someone prowling around their bedroom while they are asleep? These thoughts made me remember other similar occurences that have happened in our family.

Just a few years ago, my mother had the jarring experience of finding her money taken from her wallet in her bedroom closet. Many old coins were also missing. She had not been away from the house, and therefore, surmised this all happened while she was home. I'm sure this helped to persuade her to go to a retirement community rather than live alone in a huge house.

My Grandmother Landis told me that she and her husband had gold coins stolen from their home. The jelly jars were taken off the windowsill and placed on the floor. But they always had a feeling that it was an "inside" job as they had several hired people. This would have taken place one hundred years ago, and at that time, there were no police to come and take fingerprints.

Many of the very large homes in a nearby development do not keep money in the house. Therefore, when I sell them a one dollar box of strawberries, they have to write a check for me. I too keep my valuables in a bank.

It seems that the more things change the more they remain the same. I suppose we'll always have dishonest people among us.



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- Music by New Life - 12:00 p.m. to 2:30 p.m.

Monday, AUGUST 8th
- Judge Poultry and Dairy Goats - 3:30 p.m.
- County Tractor Pull - 7:00 p.m. - $2.50 Admission
- Music by Reunion - 7:00 p.m. to 10:00 p.m.

Tuesday, AUGUST 9th
- 4-H and FFA Dairy Show - 9:00 a.m.
- Dog Obedience and Pet Shows - 6:00 p.m.
- Keystone Grass Band - 7:00 p.m. to 10:00 p.m.
- Farmers' and Dairy Night (Cow Milking, Calf Dressing, Bale Throw, Wheelbarrow Race, Tug-of-War.)

Wednesday, AUGUST 10th
- Judge Livestock - 9:30 a.m. Swine, 1:30 p.m. Beef, 5:30 p.m. Sheep
- Country Big Wheel Race - 7:00 p.m. (Ages 4 & under, 5-6-7)
- Square Dance - 8:00 p.m. to 11:00 p.m.

Thursday, AUGUST 11th
- FREE ADMISSION AND PARKING
- Open Dairy Show - 9:00 a.m.
- Chicken Bar-B-Q - 2:00 p.m. to 8:00 p.m. $3.75
- County Lawn and Garden Tractor Pull 7:00 p.m. - $1.00
- 4-H Auction - 7:30 p.m.

Friday, AUGUST 12th
- Judge 4-H and FFA Dairy Fitting and Showmanship - 9:00 a.m.
- State Tractor Pull, Class B and 4-Wheel Drive Truck Competition - 7:00 p.m. $4.00 Admission. Children under 12 free.
- Together Again Band - 7:30 p.m. to 10:30 p.m.
- John Batz Music For All Occasions.

Sunday, AUGUST 13th
- FREE ADMISSION AND PARKING
- 4-H Market Hog, Sheep and Steer Sale - 1:00 p.m. (No Building Exhibits)
- Demolition Derby Followed by Fireworks - 7:00 p.m. $4.00 Admission

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TRACTOR PULLING CONTEST

On being a farm wife -And other hazards

Joyce Bupp

From the barn comes the faint whirring sound of a small motor hard at work.

It's show time again.

Some cattle thrive on being brushed, clipped and "prettied up" in general. Our old grandma cow, Amie, is one, submitting quietly to such attention, and even stretching her neck way out so you can work the brush under her chin.

Amie, unfortunately, doesn't go to shows. And most of those characters that do feel just the opposite about the whole procedure.

Sue, a hulking big four-year-old, is quick to show her displeasure for the beauty treatment.

"I tried to clip the hair around her ears, and she shook them all around," grumbled the teenage cow beautician. "Then I tried to clip her head, and she swung at me. When I tried to clip her nose, she snorted all over me."

And the final insult: "But when I tried to clip her legs, she stomped on my toe."

Sue must weight at least sixteen hundred pounds.

Then comes halter training.

Take a calf, any calf, open the door to it's pen, and watch the critter take off in glee.

Lead that same animal out of the pen with a halter over her head and witness the stunning results it brings.

She may stubbornly plant those four legs firmly on the ground and become a statue as firmly anchored as one of the Rocky Mountain peaks.

Or, she will take the halter addition as a sign for sprinting time, and the two of you will go blithely running around the neighborhood, the heifer doing the leading with the leadsman dragging across the ground behind, suffering near-terminal rope burns for the trouble.

But the saddest show ring event invariably happens to some inexperienced first-time junior exhibitor - the heifer comes in heat.

Not only will her bawling all night long keep the owner awake, it endears the animal to every other exhibitor who spent the night tossing and turning.

Then, as her sleepy-eyed owner begins dragging the reluctant exhibit into the ring, she'll try to mount other heifers in the lineup, kick at the judge when he approaches for a closer look, and perhaps even simply lay down in the ring, due to exhaustion.

It's enough to make you take up exhibiting something easy and cooperative. Like pigs, maybe?

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LANCASTER FARMING ISSUE Featuring 1983 AG PROGRESS DAYS

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Make baby food from canned produce

LANCASTER — You can make your own baby food from fresh or home-canned produce, but don't try to can baby food says Greta C. Vairo, Extension home economist with the Penn State Extension Service. Canning prepared, pureed baby food requires the same amount of heat needed to process solid food, so processing times can be longer than normal. Making baby food from already canned produce is safer.

You can process some fruits such as apricots and plums as baby food, though. Follow the directions for processing applesauce. Can other fruits and vegetables first, then make baby food. Pack whole or sliced vegetables to be used for baby food in water in ½ pint or pint containers. A brine solution is not necessary since you don't want salt in the baby's food. These containers should then be processed following the recommendations for that vegetable.

Fruits should also be canned whole or in slices in ½ pint or pint containers filled with water or fruit juices to the designated headspaced before sealing and heat processing according to the directions for that fruit. If you prefer, omit sugar from the canned fruit.

When you are ready to use the food, open the jar, drain the liquid and blend it in a blender until it is smooth. Make sure all skin and seeds have been removed before blending. Heat the pureed mixture to boiling for ten minutes, allow it to cool and serve. Don't keep opened canned foods meant for baby in the refrigerator any longer than one or two days. Storage time of canned food varies depending on the produce, but you should not keep food canned for babies more than 1yr. Directions for preparing baby fruits and vegetables:

Baby Fruits

½ cup cooked or canned fruit
2 teaspoons of liquid from fruit

Remove any skins or seeds. Place ingredients in food mill or blender. Mince to desired degree of smoothness. Store in clean container. Makes about 1 serving.

Baby Vegetables

½ cup cooked or canned vegetables
2 tablespoons formula, milk or liquid from vegetables.

If vegetable is in large pieces, cut or tear into chunks. Put ingredients into blender or food mill. Mince to desired degree of smoothness. Store in clean container. Makes aobut one serving.

Cooking for one or two

LANCASTER — If you cook for only one or two, you have plenty of company. Statistics show that more than half the households in the United States now consist of one or two persons. But even though singles and two-somes now outnumber families with two parents and one or more children, most cookbooks and supermarkets still seem to be geared to the needs of larger households.

For many singles, the solution is to grab a burger at a local fast food restaurant, pop a TV dinner into the oven, or cook one big meal and eat leftovers the rest of the week. While these approaches are fine occasionally, a steady diet of such foods can be both expensive and boring to the palate.

Cooking for one or two is not difficult, and may offer some advantages not open to larger families. With only yourself and perhaps one other person to please, you have more freedom to experiment with new foods, flavors, and recipes. Eating schedules can be more flexible when you don't have to consider several other people in the household. In the super market, small cans and packages generally cost more per unit. However, a family-sized package is no bargain if it goes stale before it's used up. Singles and twosomes can use some family-sized food items to their advantage.

For instance, buy regular sizes of bread, rolls, and pastries and keep them in the freezer. Remove portions as needed. Buy frozen vegetables in plastic bags whenever possible. That way it's easier to remove the amount needed for a meal. Buy several cookbooks for one or two, and clip recipes that can be decreased successfully.

Don't be afraid to speak up when packages of meat, cheese, and produce are in large sizes. Ask the grocer to repackage what you need into smaller portions. Most are happy to please their customers.

Drying, pickling

Would you like to learn how to make the popular snack fruit rolls as seen on T.V.? You will learn how to make fruit rolls as well as other food drying techniques and tips for tasty, crispy pickles and relishes in a class being offered by the Penn State Cooperative Extension Service.

Drying foods and pickling methods will be held August 4, 9:30-12:00 noon at the Extension Meeting Room, 112 Pleasant Acres Road. Marcy Seckman, Extension home economist will have the latest research and information on these subjects.

Advance registration is required. The fee is $1.00. Call 757-9657 to register.

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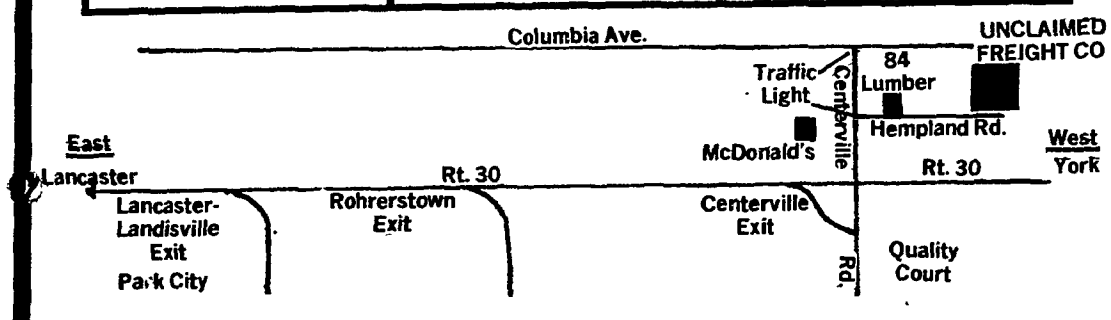

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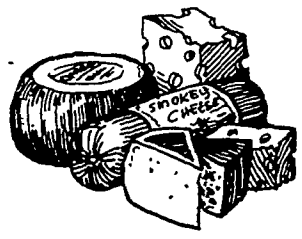
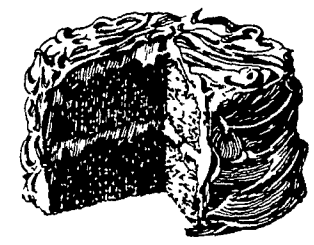


Home On The Range



Beef Up Your Meals

Saucy steak sandwiches are another way to make a meal out of beef. Cook them for lunch or for a quick and easy dinner. Best of all, they're economical.

Splurge on a thick, juicy steak or be more economical and serve a tasty hamburger pie. However you serve it, beef should be a hit at the dinner table.

The taste is as varied as the price. From the plain good taste of a pot roast to the zip of a cheesy beef casserole, each new ingredient brings a new taste to this full-flavored meat.

This time of year, take advantage of the possibilities offered by the grill. Hamburger and steaks taste great cooked outdoors, or, for a new twist, marinade some beef cubes and put them on a skewer with green peppers, onions, tomatoes and mushrooms.

SOMBRERO BEEF STEAK STRIPS

2 pounds beef round steak, cut 3/4 inch thick (partially freeze steak so it can be cut easily into very thin strips)
3 tablespoons cooking fat
1 can (8 oz.) tomato sauce
1 can (16 oz.) whole kernel corn, drained
1 small onion, thinly sliced
1/4 cup water
2 teaspoons chili powder
1 teaspoon ground coriander
1 teaspoon salt
1 medium green pepper, cut in 1-inch pieces
1/3 cup chili sauce
1 cup (4 oz.) shredded Monterey Jack cheese

Slice steak in strips 1/8 inch thick and 3 to 4 inches in length. Brown strips in cooking fat; pour off drippings. Add tomato sauce, corn, onion, water, chili powder, coriander and salt; mix thoroughly. Turn mixture into a shallow 2-quart casserole or baking dish. Cover tightly and cook in a moderate oven at 350 degrees for 45 minutes. Remove from oven. Stir in green pepper, top with chili sauce and sprinkle with shredded Monterey Jack cheese. Cover and continue baking for 15 minutes.

CHEESY TONGUE ON RICE

8 oz. sharp processed American cheese
1/2 teaspoon dry mustard
3/4 cup milk
1/2 teaspoon Worcestershire sauce
dash cayenne
1 egg
1 1/2 cups cooked tongue

Toss cheese, shredded, with dry mustard. Add milk. Stir over low heat until cheese melts and is smooth. Stir in Worcestershire sauce and cayenne. Stir small amount of hot mixture into a well-beaten egg. Return to hot mixture. Stir in tongue and cut in thin strips of 3 inches long. Cook and stir over low heat until mixture is thick and creamy. Serve over cooked rice.

Barbara Russell
Pine Bush, N.Y.

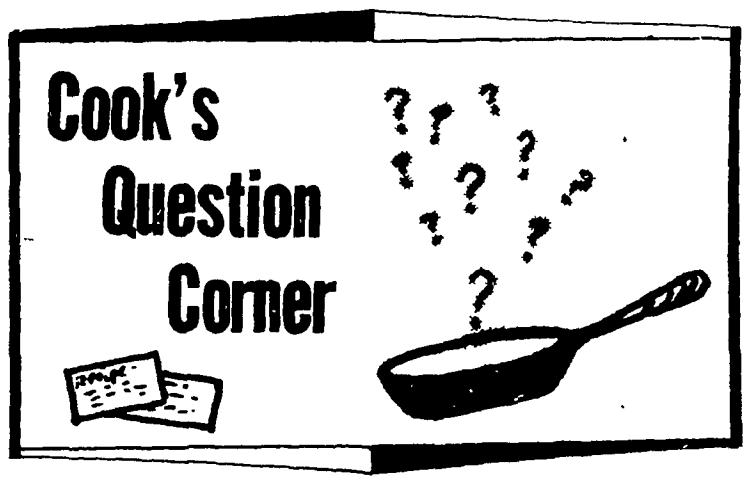
BEEF STROGANOFF

2 pounds beef cubes
1 can cream of mushroom soup
1 envelope of dry onion soup mix
1/2 can red wine or cooking sherry

Put ingredients in crockpot on low and cook for 6 to 8 hours. Serve over noodles or rice.

Patsy Herr
Willow Street

Add some lima beans and chili powder to beef for a new taste. This Speedy Meat Ball Skillet promises to be a family favorite.



QUESTION — I would like to have the recipe for pull-apart buns, in which the dough is made as if making bread, then when raised enough, small pieces are pulled off and put into a bundt pan with syrup and baked.

Sally Kay Leighow
Catawissa

Since we only had one question from readers this week, I have a question to ask you.

QUESTION — Do any of you have husbands, sons, brothers, fathers or boyfriends that like to try out new recipes, whip up their own original specialties or simply help you out in the kitchen on busy days? If so, please send their names and addresses to me, and I'll include them in an upcoming feature on men who like to cook.

Thanks,
Kim

Recipe Topics

August	
6	Mouth watering Chocolate Creations
13	Sensational Summer Salads
20	Fish favorites

HAMBURGER PIE

1 pound ground beef
instant potatoes (enough for eight servings)
1 egg
1 teaspoon salt
1/8 teaspoon pepper
1 tablespoon minced onion
1/4 cup ketchup
1 cup milk
1/4 cup shredded sharp cheddar cheese

Heat oven to 350 degrees. Mix meat, 1 1/3 cup potatoes (dry), egg, salt, pepper, onion, ketchup and milk. Spread in ungreased casserole pan. Bake 35 to 40 minutes. Prepare remaining potatoes as directed on package for four servings. Top baked meatloaf with mashed potatoes. Sprinkle with cheese. Bake 3 to 4 minutes or until cheese melts.

Donna McKee
McVeytown

SPEEDY MEAT BALL SKILLET

1 1/2 pounds ground beef
2 cups carrots, cut in 1-inch pieces and halved lengthwise
2 teaspoons chili powder
1 1/2 teaspoons salt
1 medium onion, cut in 8 wedges
2 packages (10 ounces each) frozen lima beans, defrosted
1 can (10 3/4 ounces) condensed cream of celery soup
1/4 cup water

Cook carrots in a covered saucepan in boiling salted water 10 minutes; drain. Lightly mix ground beef, chili powder and salt; pinch off 1-inch pieces to make approximately 20 free-form meat balls. Lightly brown meat balls and onion wedges in large frying pan; pour off drippings. Add carrots, lima beans and celery soup mixed with water and lightly stir in to combine. Cover and cook slowly for 30 minutes, stirring occasionally.

SUPER BURGER WHEELS

1 pound ground beef
1/4 cup chopped onion
1 teaspoon salt
1/4 teaspoon pepper
4 cups spaghetti sauce
2 cups (8 ounces) racing wheel noodles, uncooked
1 cup shredded cheese

Brown ground beef in skillet; drain off excess fat. Add onion; cook until tender. Stir in salt, pepper and spaghetti sauce; cover and simmer five to 10 minutes. Cook racing wheels according to package directions for 10 minutes, drain. Combine macaroni and meat mixture; turn into lightly greased two-quart casserole. Cover and bake 350 degrees for 20 minutes. Remove and cover top with shredded cheese. Bake five minutes or until cheese is melted.

Mrs. Alvin G. Wise
Mohnton

BEEF CASSEROLE

2 pounds round steak
1/2 cup flour
1 teaspoon salt
1 cup milk
1/8 teaspoon pepper
2 tablespoons butter
2 cups water

Melt butter in pan. Dredge cut up meat in flour mixed with salt and pepper. Brown quickly on both sides. Remove to casserole. Brown any flour that is left. Add water and milk, let it come to a boil and pour over meat. Cover and bake at 325 degrees for 2 to 2 1/2 hours.

K.D. Shaull
Brogue

(Turn to Page B7)

Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

How to Cook Dry Beans

Before Cooking. There are several accepted ways of preparing dry beans for cooking. All start with a thorough washing in cold water and inspection for damaged beans and foreign material. If you have time to cook the variety you have chosen until it reaches the desired tenderness, soaking is not essential. However, most cooks prefer some method of soaking to shorten cooking time and to improve either flavor, texture, appearance, or digestibility. In either of the soak methods below, it is recommended that the soak water be discarded and the beans rinsed and cooked in fresh water.

Soaking Tips. Recent studies have shown that bringing beans to a boil then soaking for 12 or more hours makes them more digestible. Therefore, the revised method for traditional soaking is given here. The quick method is acceptable for occasions when time is limited.

Traditional Method - Wash one pound dry beans. Add 10 cups boiling water; boil 2 minutes. Remove from heat; cover and soak 12 hours or overnight. Drain, rinse and cook.

Quick Method - Wash one pound dry beans. Add 10 cups boiling water; boil 2 to 3 minutes. Cover and set aside 1 to 4 hours. Drain, rinse and cook.

Use a saucepan that is large enough to allow beans to expand 2½ times.

Cooking/Storage Tips. Standard Method - Drain and rinse soaked beans; put into large kettle. Add 6 cups hot water; 1 to 2 tablespoons shortening or oil, 2 teaspoons salt. Boil gently with lid tilted until tender.

Savory Method - Follow Standard Method directions, but use 2 teaspoons onion salt, and ¼ teaspoon garlic salt instead of plain salt. Add 1 tablespoon chicken stock base or 3 or 4 bouillon cubes and ¼ teaspoon white pepper.

Simmer beans slowly. Cooking too fast can break skins.

Cook enough beans for more than one meal at a time. For storing a day or two, cover and refrigerate. For longer storage, freeze in airtight plastic bags or freezer-proof containers.

Bean Equivalents. One pound of dry beans equals 2 cups dry or 5 to 6 cups cooked beans. One can (15½ oz.), drained, equals about 1-2/3 cups.

Know How Much Food To Freeze In One Day

How much food can be frozen in one day in a home freezer? The maximum should be no more food than will freeze within 24 hours.

The cubic capacity of your freezer is the starting point for figuring out the exact amount you can freeze at one time. Put in no more than two pounds of food per cubic foot of freezer space. For example, a 15-cubic foot freezer should not have more than 30 pounds of unfrozen food added in a single day. Less is better.

Overloading slows down the rate of freezing, causing large ice crystals to form and draws flavor and nutrients from the food. The color and texture of the food will deteriorate faster. Excessive loads of warm food could also cause spoilage.

Freeze food as soon as it is packed. If you are wrapping many packages, keep them in the refrigerator until several are ready to be put into the freezer. Each time the freezer opens, cold air escapes. For fastest freezing, follow the freezer manufacturer's directions on food placement carefully. The right spot in one freezer may be the worst spot in another.

After freezing, packages may be stored closer together. Add the name of food, date, type of pack, if the food is packed in more than one form, and amount frozen to your frozen food inventory.

When freezing packages, stack all the same kind of food together. For example, all the meat should be in one area, vegetables in another.

Rectangular or square containers with straight or square sides usually work best for freezing because they stack easily and fit compactly side-by-side.

Use baskets, shelves, dividers, racks and other accessories to organize packages. The freezer will hold more if packages are arranged neatly.

Beef Meals

(Continued from Page B6)

CHEESE-STEAK CASSEROLE

1 1/2 pounds round steak
1/4 cup flour
1/2 teaspoon salt
1 packet onion soup
1/8 teaspoon pepper
4 oz. can mushrooms
1 cup water
1/2 cup buttermilk
4 oz. Swiss cheese

Cut meat into 1/2 inch strips. Place meat in 8 or 9-inch baking dish. Sprinkle flour, salt and pepper. Mix and coat meat. Bake at 350 degrees for 30 minutes. Remove from oven. Stir in onion soup, mushrooms and water. Cover and bake 1 and 1/2 hours. Set oven at 450 degrees. Pour 1/2 cup buttermilk over top and one layer of Swiss cheese. Drop biscuits on top. Sprinkle remaining cheese that has been shredded on top. Bake 15 to 18 minutes more.

Barbara Russell
Pine Bush, N.Y.

YUM-E. ZETTI

1 pound hamburger
1 package of noodles
1 can cream of chicken or cream of mushroom soup
1 can cream of tomato soup
1 can celery cut fine (cooked)
3/4 pound velveeta cheese

Fry hamburger in skillet, stirring occassionally. Add a chopped onion and the raw celery. Cook noodles till tender; mix tomato soup with hamburger and chicken soup with noodles. Put in layers in greased casserole. Cover with cheese and bake in slow oven for one hour.

Sylvia S. Lapp
Gordonville

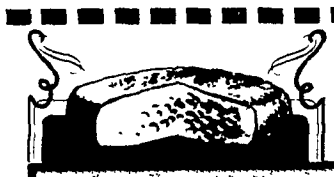
DAD'S POT ROAST

3-4 pounds pot roast
3 tablespoons lard or drippings
1 1/2 teaspoons salt
1/4 teaspoon pepper
1/2 pound ground beef
1/2 cup chopped onion
4 oz. mushrooms
8 oz. can tomato sauce
1/2 clove garlic
1 1/2 cup chopped celery
1 tablespoon orange rind
1/4 teaspoon nutmeg
1/4 teaspoon cinnamon
1/4 teaspoon cloves
3/4 cup water

Brown pot roast in lard and season with salt and pepper. Brown chopped meat until crumbly. Add remaining ingredients and let simmer for 3 to 3 1/2 hours until tender.

Audrey Nemeth
Mt. Vernon, Maine

CLIP AND SAVE FOR THE MONTH OF AUGUST



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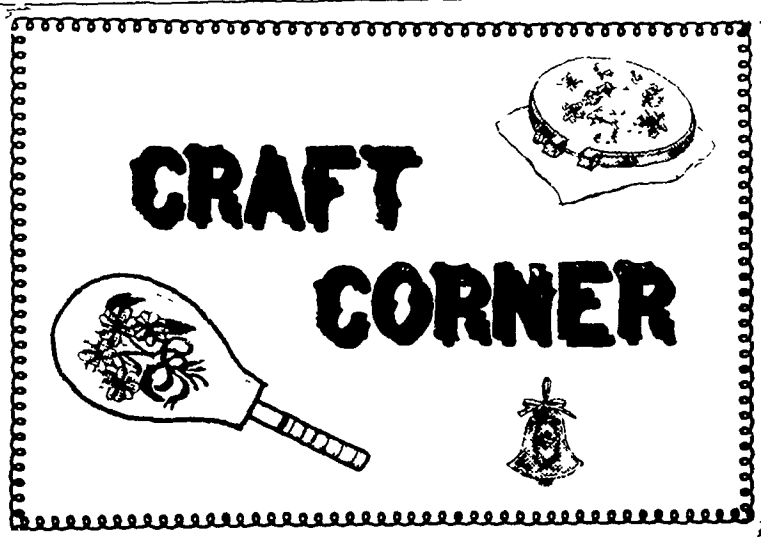
12:00 to 1:30
• Ben R. Scholl and Sons Milk Hauler
Perkasie, Pa. 2:00 to 3:30



Make lace by 'pulling threads'

"Pulled thread" embroidery is a way to transform fabric into lace. With a few simple stitches, you can make wonderful, lacy designs for placemats, napkins, tablecloths and other craft projects.

An even-weave linen is ideal for pulled thread work. To create a design, you count threads, take a stitch over the counted threads, and then pull the threads together into lacy designs.

Pulled thread work is faster, easier to do and, as a result, far less expensive, than classic lace-making. According to "Danish Pulled Thread Embroidery" published by Dover, the technique probably originated as a way to imitate genuine lace.

Pulled thread embroidery, also called embroidered lace, has been prized for centuries in Denmark. In fact, the book is a product of the Danish Handworkers' Guild.

In the book, authors Esther Fangel, Ida Winckler and Agnete Madson give instructions and illustrations for historic pulled thread designs. The pages are also filled with photographs of fine collars, handerkerchiefs, cuffs, tablecloths, aprons and other examples of embroidered lace projects.

The sample pulled thread stitches shown here come from the book. Directions below show how to use the stitches to make decorative placemats.

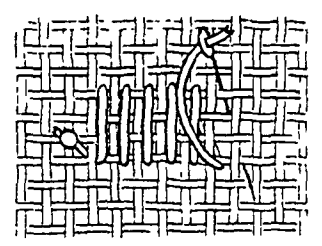
MATERIALS: Evenweave linen fabric or plain linen placemats; embroidery thread and needle; embroidery hoop; sewing supplies; tissue paper and pencil.

PREPARATION: 1. Cut linen to 12-by-6 inches. 2. Either trace a design, or draw your own design, on tissue paper. 3 Position tissue paper on linen. 4. Baste along pattern lines through tissue paper and linen. 5. Carefully tear away tissue paper without disturbing basting lines. 6. Stretch linen in hoop.

STITCHING: 1. Embroider your designs over basting lines using stitches as suggested below, or any other stitches desired. 2. For decorative designs, use pulled thread stitches. (a). 3. For outlines in the design, use chain stitches (b).

EDGES: Finish edges of placemat in any of the following ways. 1. Edge with buttonhole stitches (c). 2. Ravel edges of placemats to create fringes. 3. Turn under hem. Stitches.

FINISHING: 1. Remove basting stitches. 2. Press placemats.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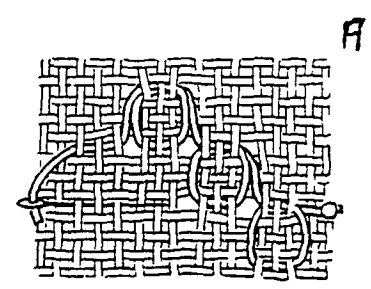
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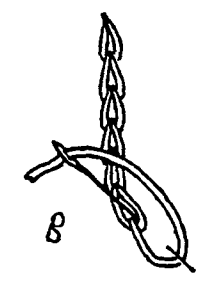
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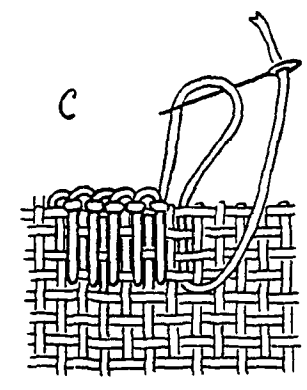
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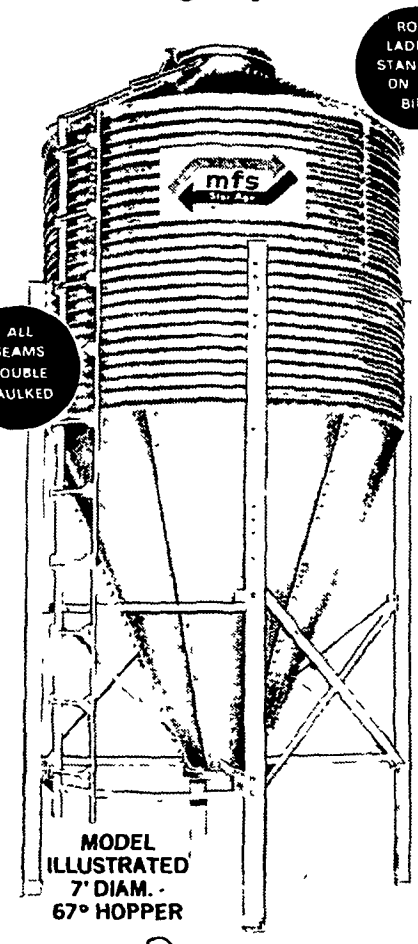

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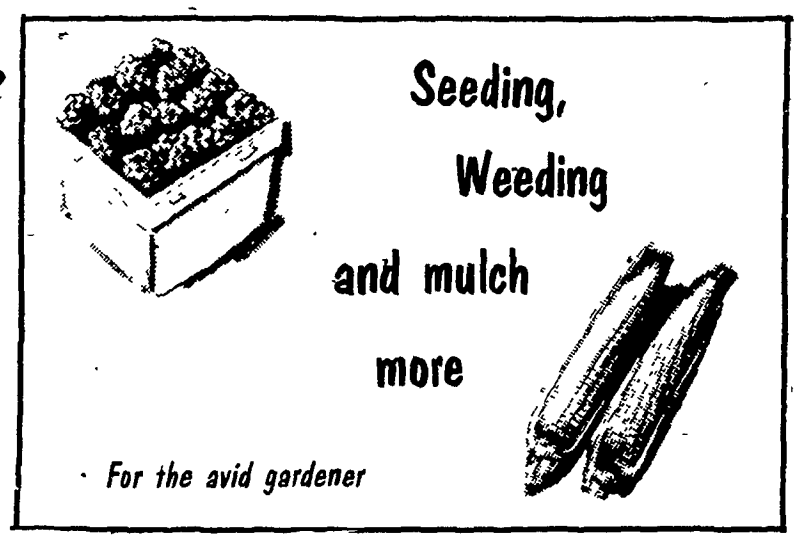

'83 is the Year of the Lettuce

Since 1983 is the Year of the Lettuce, and since this leafy little vegetable is a lovely item to plant for fall gardens, this week's Seeding and Weeding column will be devoted to that all-important salad ingredient.

First of all, some facts about lettuce: Americans ate nearly 27 pounds each in 1980. In that same year, its farm value was more than $60 million and was exceeded among vegetables consumed fresh only by potatoes.

Lettuce is usually categorized, according to growth habit, into four categories. They are: head, semi-heading, looseleaf and cos or Romaine.

Crisphead or head is the most widely consumed type of lettuce. This form is often referred to as "iceberg." Semi-heading is also called butterhead, Boston or Bibb.

Looseleaf lettuce, regarded by many as the easiest to grow, is sometimes referred to as leaf or curled lettuce. Cos or Romaine is especially popular in Caesar salad.

A few requirements must be met in growing lettuce. Soil cooler than 41 degrees F and warmer than the upper 70s should be avoided. The best germination occurs at about 75 degrees F, a temperature prevailing during spring and early summer and again in the autumn

When the seeds are sown, they should get 1/4 inch noncrusting covering during the cooler months, and 1/2 inch covering during the warmer months. Always keep the seedbed uniformly moist. In warm, sunny weather this may require watering once or twice each day.

When it comes time for harvesting, looseleaf varieties are ready earliest, from 41 to 50 days after sowing. The leaves may be cut or gently broken off as needed without harvesting the entire plant; or the entire plant can be pulled.

Butterhead varieties can be harvested as looseleaf lettuce beginning about 45 days after sowing. But the tastiest protion is the head, which does not develop until 55 to 80 days from sowing.

The Romaine and crisphead types usually are harvested as entire heads, requiring from 60 to 85 days to develop fully. A few outer leaves may be harvested earlier.

If your fall garden is already planned and there is no room for lettuce, don't despair. Lettuce can be grown in containers, but they must be at least six inches deep.

Because of this adaptability, some people even use lettuce as a decorative plant. It can be planted in flower beds or in hanging baskets.

Soil Temperatures Affect Lettuce Seed Germination.

Note the effects of soil temperatures on the number of days required for emergence of typical lettuce seedlings

	32° F	41° F	50° F	59° F	68° F	77° F	86° F	95° F	104° F
Days:	42	14.9	7.0	3.9	2.6	2.2	2.6	0	0

Soil cooler than 41 F should be avoided

Soil warmer than the upper 70s should be avoided This is why seed sown during mid-summer usually fails

The best germination occurs at about 75 F a temperature prevailing during spring and early summer, and again in the autumn

Another benefit of lettuce is its nutritional value. First of all, it's a dieter's dream since one cup of chopped lettuce has only seven to 10 calories. Romaine and looseleaf types provide significant amounts of vitamin A.

Lettuce also supplies vitamin C, some of the B vitamins and several minerals, such as calcium and iron. Since lettuce is usually eaten raw, its nutrients are maintained and not destroyed or lost through cooking as occurs with many other leafy greens.

Unfortunately, it is necessary to list one drawback of lettuce. It is susceptible to a few pests that can be real nuisances in the home garden.

Slugs and snails can do real damage, especially when seedlings are young and tender. Hand picking and clean garden practices are the first line of defense. Some baits are effective, but caution must be taken so that none of the meal or pellets gets on the leaves.

Birds can also cause some trouble. To prevent this, you can cover small plants with mesh or wire or you can start the plants indoors and not transplant them until they are past the point when the birds will find them attractive.

Aphids, white flies and leafhoppers sometimes become pests, not only for the damage they do to the plants, but also for the crippling plant virus diseases they carry. You can buy specific pesticides for sucking insects. When used as directed, they remain active for only a few days, and then the lettuce can be safely harvested. Sometimes aphids can be washed off with a stiff spray of water.

In spite of these pests, lettuce remains an easy plant to grow, and while there is no need to explain what lettuce can be used for, if you are feeling adventurous, why not try this recipe for a new way to serve lettuce.

LETTUCE STEW

4 slices bacon
3 stalks celery, chopped
1 medium-sized onion, thinly sliced
1 clove garlic (crushed)
3 carrots, chopped
4 tomatoes, chopped
salt (pinch)
ground black pepper (to taste)
1/4 teaspoon tarragon
2 teaspoons butter
2 head type lettuce
2 heads of looseleaf or cos type lettuce (or any combination of lettuce varieties)
4 tablespoons water or chicken stock

Fry the bacon until it is crisp, remove from pan and crumble. Saute the onion, garlic, carrots and celery in the bacon drippings until they are soft and lightly colored. Stir in the tomatoes and cook gently for 2 to 3 minutes, or until the tomatoes are slightly softened. Season with salt and pepper to taste, add the crumbled bacon and tarragon. Set aside.

Wash the lettuce and trim the stems. Allow as much water to drain away as possible. Cut into large chunks.

Melt the butter in a heavy pan large enough to hold all the ingredients. Swirl the butter to coat the pan. Add the lettuce. Spoon the tomato mixture over the lettuce. Moisten with 4 tablespoons or water or chicken stock, bring to a simmer, cover, and cook gently for 20 minutes, or until the lettuce is tender.

The dish has a hearty flavor, similar to a stew but with much less effort and time. While this recipe is meant to be a side dish, by adding more meat it could easily be a quick main course.

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That Special Fry Began in France

It's known as the "french fry," that slender cut of fried potato that's now as American as the hamburger. Where did the french fry come from? Is it really French?

The frendh fry did originate in France in the 18th century, but long after the French had "worn" potato blossoms in the hair and as boutonnieres.

A French pharmacist named Antoine-August Parmentier, while a prisoner in Prussia during the Seven Years War, lived for a year eating only the roots of the "potato flower." Returning to France, he cultivated the potato as "an answer to his country's food needs."

Hosting a banquet for Benjamin Franklin, then Ambassador to France, Parmentier served nothing but potatoes — prepared in 20 different ways, including deep fried!

President Thomas Jefferson began America's romance with french fries when he served them to White House dinner guests in 1801. A gourmet, Jefferson had "imported" a French chef to his home at Monticello and continued the tradition of serving "exotic" foods in the White House.

John Adams, Jefferson's presidential predecessor, thought his successor was putting on airs, "serving such novelties as 'french fries.'"

Today, french fries account for 50 percent of all potatoes ordered by customers in restaurants throughout the United States. In addition to the unique taste, diners can enjoy nutritional benefits; potatoes are rich in vitamin C, protein and minerals.

McDonald's, which serves more french fries than any other restaurant organization, makes it a priority to retain the nutrients and good flavor of its fries.

"Our unique patented process for making fries has won us the praise of millions of customers," explained McDonald's Chief Operations Officer, Ed Rensi. "Our fries are continously put through rigid quality tests to ensure they remain America's favorite."

Rensi explained that the more than one billion pounds of french fries customers order each year are inspected by government, independent suppliers, and McDonald's own company inspectors to be certain they meet strict quality standards — from the time potatoes are harvested through preparation.

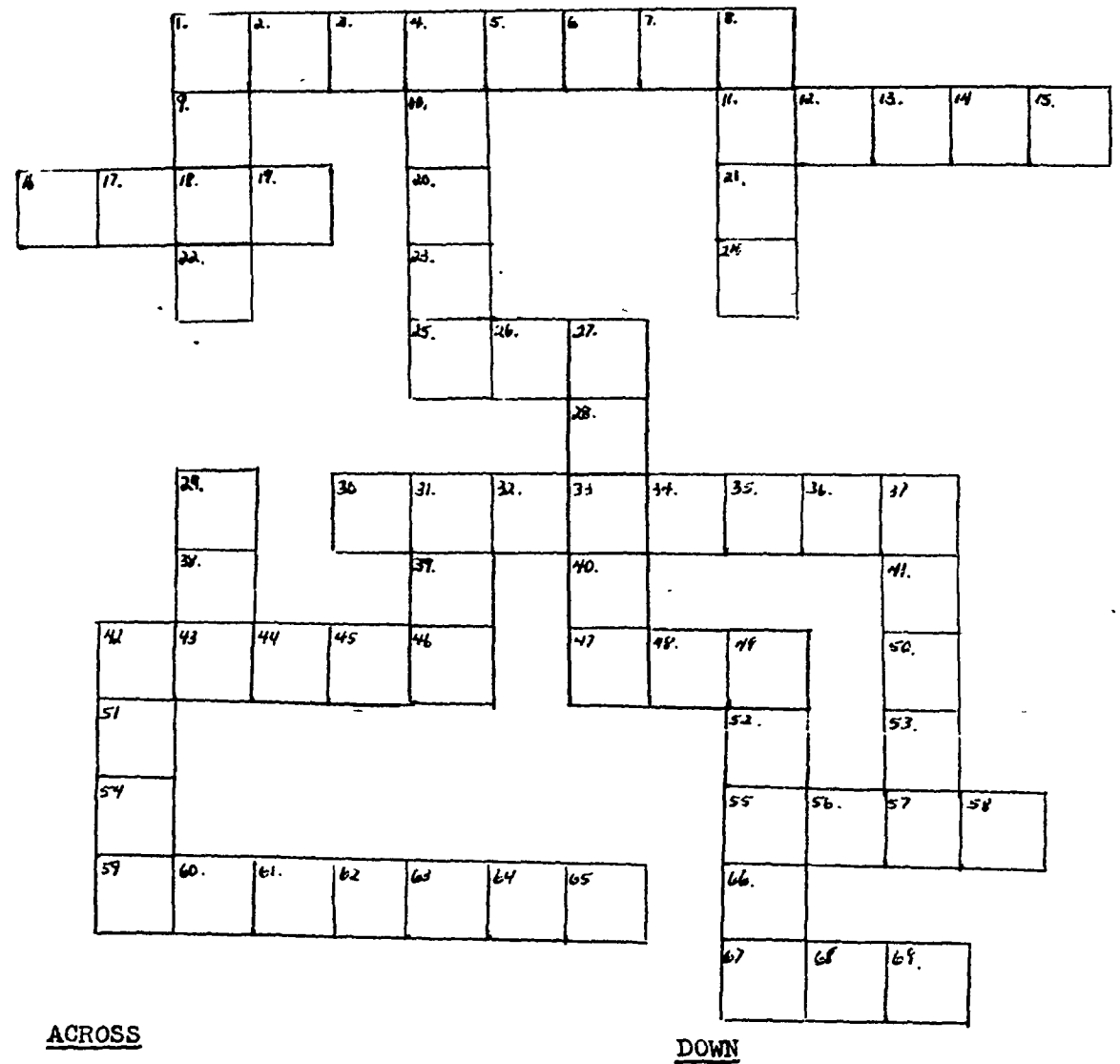
McDonald's french fries are made from Idaho Russett Burbank potatoes. They are carefully inspected at harvest, inspected at harvest, and again before they reach the processing plant.

Once at the plant, they're screened for maximum quality; washed, peeled, and cut to the familiar french fry shape. The potatoes are again washed and screened for quality; quick frozen to retain highest product quality; and, finally, transported to the restaurants in special packaging to prevent breakage. At each McDonald's, the fries are cooked to a golden brown.

McDonald's reports its customers request more than five million orders of french fries each day in the organization's more than 6,000 U.S. restaurants.

That fancy fried potato has come a long way; from the table of one French pharmacist, to nearly two billion orders served each year to McDonald's customers along. That's some special spud!

Fun Farming Facts



ACROSS

1. Black and white milk producer
11. It makes you cry when you cut it
16. What you eat for breakfast
25. Color of a radish
30. These feathered friends live in a coop
42. Ending for straw, blue and rasp
47. What your mother does with a needle and thread
55. The sun rises in this direction
59. What you eat on Thanksgiving
67. Where pigs are kept

DOWN

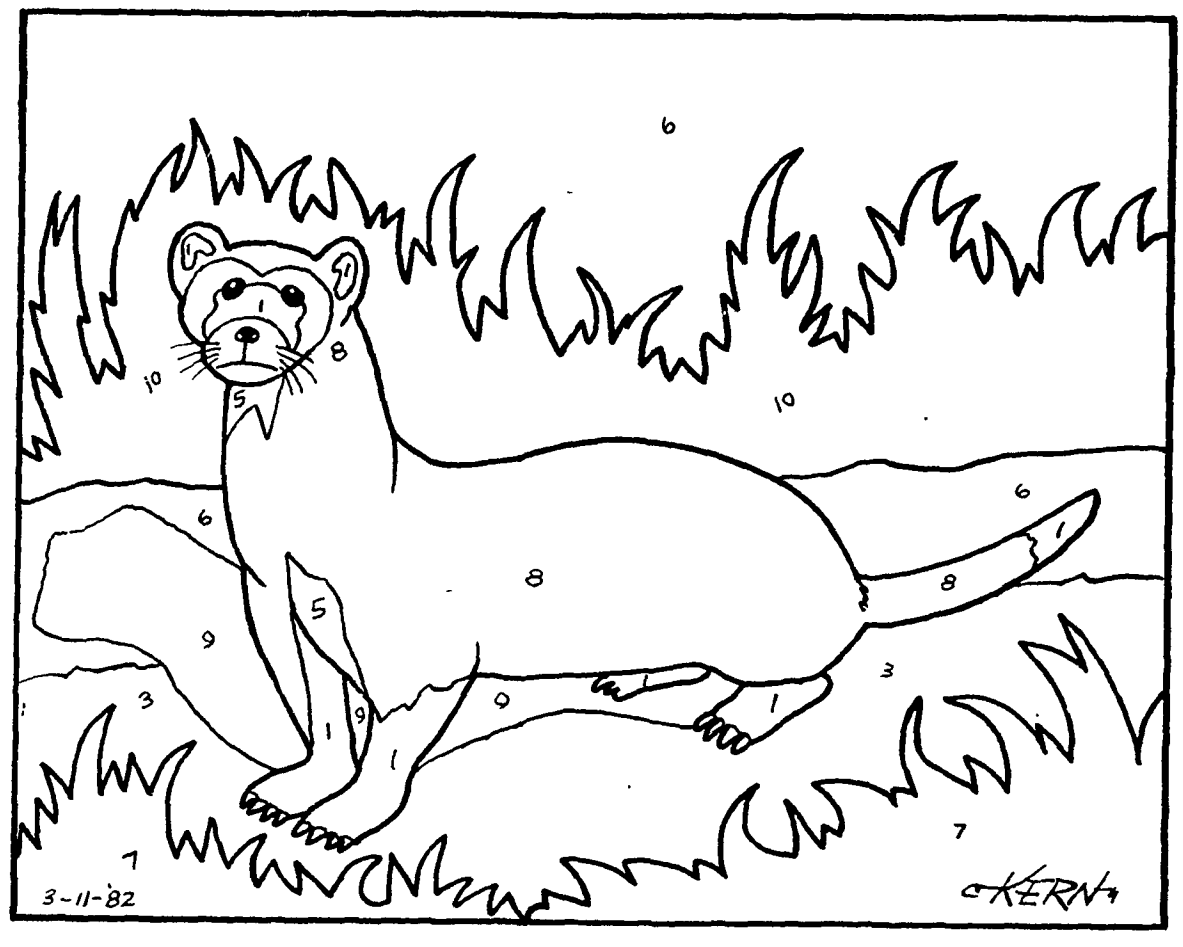
1. These make great pork chops
4. He gives you steak
8. Good time to eat lunch
27. They love to swim
30. Type of bread
31. What horses like to eat
37. Another name for potatoes
42. Reddish-purple vegetable that grows underground
49. You want to keep these out of your garden

Answers on page B19)

COLOR THIS!

1.	BLACK	6.	PEACH
2.	RED	7.	GREEN
3.	YELLOW	8.	LT. BROWN
4.	BLUE	9.	LT. BLUE
5.	BROWN	10.	LT. GREEN

BLACK-FOOTED FERRET. IS A SMALL ANIMAL OF THE WEASEL FAMILY LIVING IN THE WESTERN U.S. THE FERRET IS AN INQUISITIVE ANIMAL. IT WILL STAND UP ON ITS HIND LEGS TO SEE WHAT IS GOING ON. THESE WEASEL LIKE ANIMALS CAN BE TRAINED TO DRIVE RABBITS AND OTHER ANIMALS FROM HOLES AND BURROWS.



Berger Wears Lycoming Crown

Linda K. Berger was recently crowned the new dairy princess for Lycoming County.

WILLIAMSPORT — Linda K. Berger, 16, daughter of Beverly J. Berger, Muncy R4, and the late Russell A. Berger, was crowned 1983 Lycoming County Dairy Princess at the eighth annual pageant June 24 at the Lycoming Mall.

Linda will be a senior at Hughesville High School this fall.

The 1983 princess was crowned by the 1982 Lycoming County Dairy Princess, Lori Bauder, daughter of Mr. and Mrs. C. Paul Bauder, Jersey Shore, R3.

Lori Rupert, daughter of Mr. and Mrs. Carmen D. Rupert, Munch R4, was named alternate dairy princess and Wanda Muffley, daughter of Mrs. Stella Plank, was named Miss Congeniality by the other contestants.

Other contestants were Tammy Ulmer, 16, daughter of Mr. and Mrs. Roger Ulmer, Cogan Station; and Tina Myers, 16, daughter of Mr. and Mrs. Harry Myers, also of Cogan Station.

Each young woman presented a skit on the dairy industry and answered questions from the pageant emcee, Dr. Carl Brown, Birdsboro.

The judges for the pageant were Mrs. Gretchen Naugle, Cumberland County, and Gregory and Karen Muchmore, Montgomery.

The pageant highlighted several days of activities, which included ice cream eating and milk drinking contests and a celebrity milking contest, sponsored by the Lycoming County Dairy Princess Committee.

The 1983 Lycoming County Dairy Princess is a member of the Hughesville FFA Chapter and has been active in her local 4-H Club, Muncy Little Creek, for nine years.

Linda will represent Lycoming County in the State Dairy Princess pageant this fall in Harrisburg.

Lebanon Co. Wins Horse Contest

WEST CHESTER — The Lebanon County 4-H team of Meagan Burrichter, Leslie Hummer, Margot LeRoy and Brenda Miller won the recent Southeast Pennsylvania 4-H Horse Judging Contest held at Spring Creek Farm in northern Chester County.

The offical judge was Phil Maniscalco of Collegeville. This is the second year in a row that coach Margaret LeRoy's team has taken home high team honors. According to LeRoy, "The kids really enjoy and learn alot from this kind of event."

The contest was sponsored by various organizations in agreement with the SEPA 4-H Horse and Pony Council and was chaired by Donna Connell, county agent in Chester County. The 4-H member were given three halter and three performance classes to judge. In addition, senior 4-H members were judged for their ability to give oral reasons in the Quarter Horse gelding, Arab gelding and Hunter type classes.

"We always try to make this competition one that the members can tell us what they see. The 4-H members of today may be the horse breeders of tomorrow. It is our hope they will be able to select a well conformed animal. Contests such as this will help to achieve this end." says Connell.

4-H members from 12 counties participated in this annual event with Berks, York, Chester and Bucks County senior teams taking 2nd through 5th placing, respectively.

The three high individual trophies went to Leslie Hummer, Lebanon County, for high overall individual; Lisa Helder, York County, for high oral reasons; and Lisa Poper, Berks County, as high overall junior individual.

Second and third place winners, respectively, in the three categories are as follows:

Senior individuals, Heather Hindle, Chester; Meagan Burrichter, Lebanon. Oral reasons winners, Kelly Troup, York; Meagan Burrichter, Lebanon. Junior individuals, Kris Lehn, Lebanon; Jenny Daullary, Lebanon.

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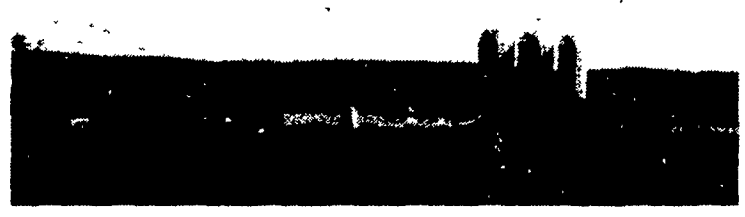

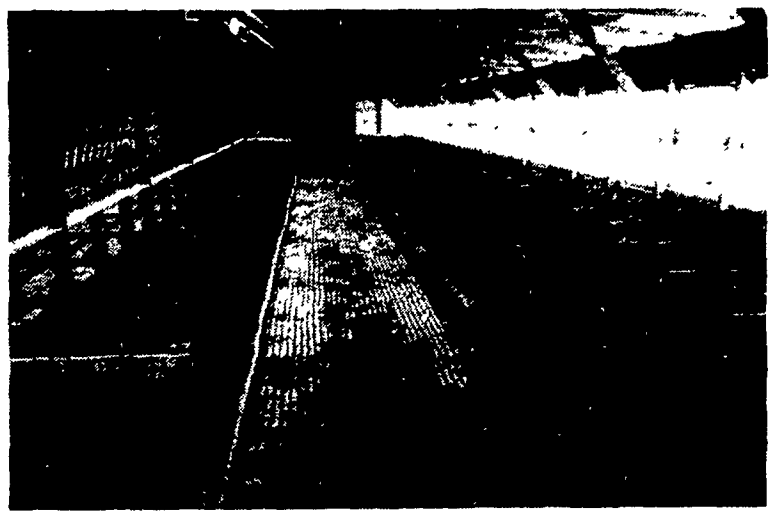

FEATURES

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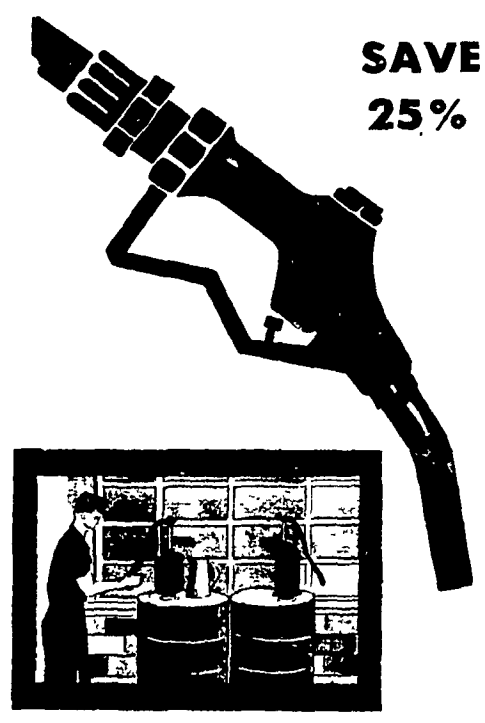

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4-H'ers Host Italian Counterparts

BY KIMBERLY HERR

Provare, produrre, progredire.

Translated: to try, to produce, to progress.

This is the theme of 3-P, Italy's version of 4-H.

Giovanna Dalmonte, Luigi Serafini, Paolo Cavalli and Carla Mancini arrived in the area July 7, bringing with them a touch of the old country. They are ambassadors from the International 4-H Youth Exchange, formerly known as the International Farm Youth Exchange.

Giovanna, Luigi and Paolo are spending most of their time with Debra Kreider, daughter of Mr. and Mrs. Homer Kreider, Lebanon R4. Carla is staying with Tammy Yost, Hershey R1.

They all live on farms in Italy and had some comments on farms in this area.

"We have a different kind of agriculture," Giovanna said. "We have less ground at our disposal, and our cost of production is higher."

"We use more irrigation," Giovanna stated, adding they also use more fertilizer and pesticides in Italy.

Giovanna's father has a nursery. He also has some vineyards, orchards and ornamental trees.

"I was always impressed with the farms in Italy," said Debra, who spent six months of last year in Italy as a representative with IFYE,

"In Italy, there is more diversity, more variety on the farms," Giovanna said. "But everything is smaller in Italy."

Luigi and Paolo both live on dairy farms. Paolo's family has 60 cows and 120 acres. He explained that size was "over the average" for farms in Italy. Luigi wanted to work on an American dairy farm, so he is spending some time with Mr. and Mrs. Kenneth Sellers, Lebanon.

When Debbie first decided to organize the stay of some exchange members, she ran into some obstacles.

"One of the drawbacks was that most of the families here were afraid their guests couldn't speak English," Debra said.

As it turns out, Giovanna is the only one who can speak English fluently. She has studied in a language school and often acts as interpreter for the group.

She is currently a student at a university in Italy, where she is studying economics and business.

Although they have only been here for 20 days, the four exchange members have formed an impression of what they have seen here.

Italian Exchange members and their hosts are, bottom from left, Giovanna Dalmonte, Carla Mancini and Debra Kreider. From left, top row, are Luigi Serafini, Tammy Yost and Paolo Cavalli.

"Our impression of the American people, in general, is that they don't know what is happening outside of the United States," said Giovanna, who translated the comment after it was discussed at length in Italian.

"But about farming they know a lot," she added. "This is our impression, but we have only been here 20 days."

"Your products are based on standards," Giovanni explained for the group. "You look at quantity."

The four Italians discussed this idea and added, "Italy has a higher cost of production." They explained this was because the Italian customers demand good products, such as fine wine and good cheese.

"The products are more controlled here," Giovanna translated. "Hygiene is good here," she explained, referring to the farms and areas where food is produced.

"The American farmer is more fond of his work than the Italian farmer," Paolo asked Giovanni to translate for him.

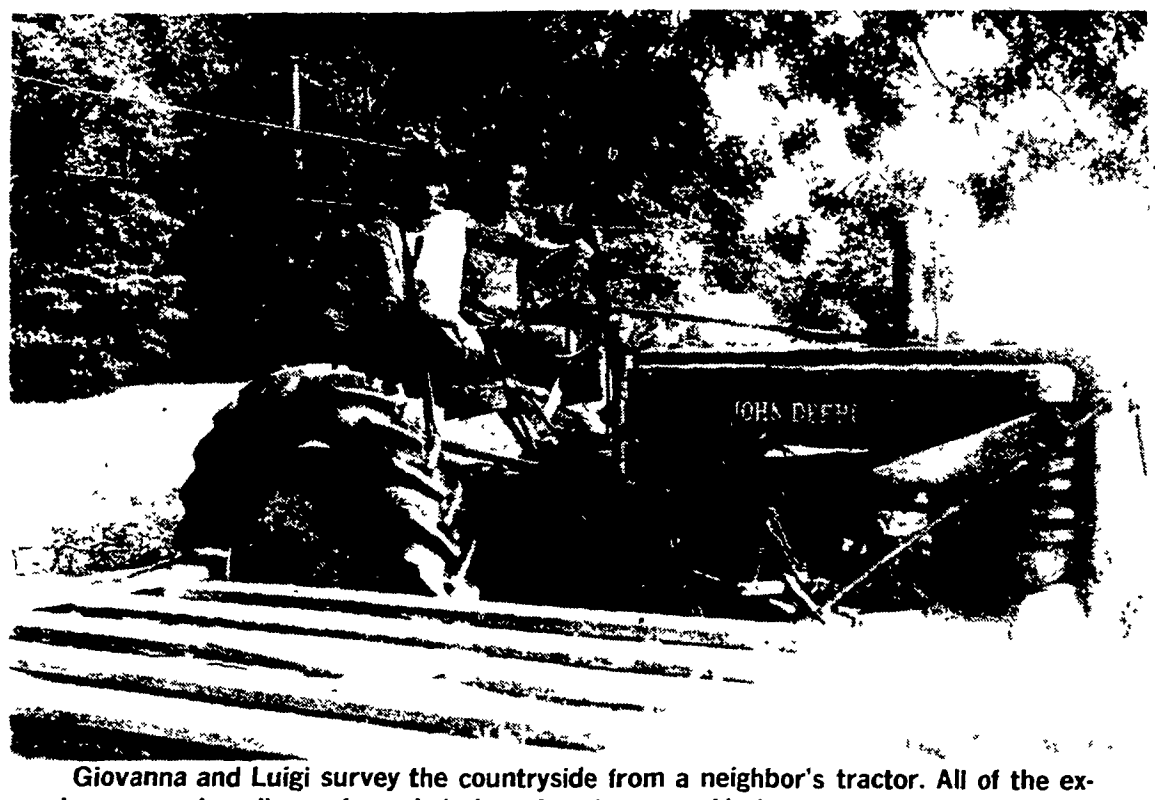
"In Italy, agriculture should be the primary culture, but industry is more important," Giovanna explained. "The farmers are not considered as much as the factories."

While the farmers may not be considered as they should be, the food they produce receives great consideration, and the four exchange members agreed they preferred Italian food.

"They don't use oil here," said Carla, who has grown up on a farm where olives are raised. She explained, through Giovanna, that when they fry food, they use oil, while people in this area use butter or margarine. She also explained that they use only oil, vinegar, salt and pepper on their salads, as opposed to the dressings and sauces used here.

(Turn to Page B13)

Luigi lives on a dairy farm in Italy and is spending some time working on a dairy farm here.



Giovanna and Luigi survey the countryside from a neighbor's tractor. All of the exchange members live on farms in Italy and are interested in American agriculture.

Giovanna and Carla inspect the vegetable garden at the Kreider home in Lebanon R4.

York Co. 4-H'ers Participate in Fashion Revue

YORK — Thirteen 4-H members in York County were selected to represent the county in the Capital Region at the 4-H Fashion Revue at Messiah College. The event will begin at 1:30 p.m. in the Fine Arts building, and is free and open to the public.

According to Marceil A. Seckman, Extension home economist, those taking part in the regional revue are: Kathy Eyster, Dover; Kris Fromm, Stewartstown; Mary Howard, Glen Rock; Christine Itle, Lewisberry; Theresa McElwain, Stewartstown; Heidi Orr, Stewartstown; Dawn Raubenstine, Hanover; Christine Wolf, Abbottstown. These are the Senior Fashion Revue Winners in the County.

The Junior Winners are: Diahann Byers, Hanover; Jennifer Druck, Loganville; Kim Ferrence, Spring Grove; Bernadette Pistner, York; Lisa Yoe, York.

Each will model outfits they made as part of their 4-H clothing project. Along with increasing their skills in clothing construction, they learned about wardrobe selection, color coordination, the importance of good posture, physical fitness and other aspects of grooming.

Potter Co. Names Winners

COUDERSPORT — Amanda Palmatier, Coudersport, and Amy Reitter, Genesee, both members of the So Sew Club represented Potter County in the senior division at the Regional 4-H Fashion Revue at the Penn State DuBois Campus July 29. The two girls were chosen at the Potter County Fashion Revue, held July 21, at Maple View Ag Center.

Selected to represent Potter County in the junior division were: Delia Cizek, Louise Crossley and Amy Harpst, Coudersport, all members of the Cutting Corners Club; and Judy Erway and Cynthia Barnes of Genesee, members of the Cabbottown Kids.

Edith Reisler judged the senior division while Mrs. Marie Lent, Coudersport, RD, judged the junior division, in which all girls participated.

Also held the same evening were the 4-H Horse Bowl and General 4-H Bowl, conducted by Leaders Jack Moshier of the Sparks Club and Leo Dunn of the Gold Miners Club. Participating were a team of boys from the Gold Miners Club and other individuals present. About 30 4-H'ers participated.

4-H

Italian Counterparts

(Continued from Page B12)

Mrs. Kreider commented that Giovanna would eat or drink anything she prepared. Giovanna, who is spending some time with the Michael Crain family, Lebanon, corrected her, stating there were two exceptions. Root beer and tomato juice, two new tastes for her, are definitely out for the duration of the trip.

The group also had a chance to taste some wine, and, once again, voted a preference for the wine produced in their country.

When they travel back to Italy, they will carry this message to family and friends.

"The management, the leadership of the dairy farms is good," Giovanna translated. "Here (in America) the agriculture is very important, politically."

This, according to the group, is not so in Italy.

Upon leaving this area, but prior to returning to Italy, the group will join the other three exchange members and travel south by bus, according to Giovanna.

They will also spend some time in New York City and Washington, D.C. During their stay here, they have visited Gettysburg, Philadelphia and the Lancaster area.

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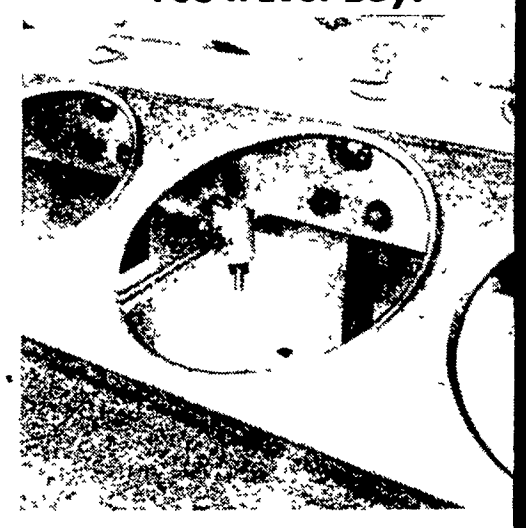

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Bedford holds 4-H dairy roundup

BEDFORD — The Bedford County 4-H Dairy Roundup was held on Thursday, July 14, at the Northern Bedford County High School in the morning and the Bedford Fairgrounds in the afternoon.

Type judge for both sessions was Berneta Gable, R1, New Enterprise, with Jim Weiler judging showmanship. Tom Wakefield, R4, Bedford, judged fitting at the morning session with John Holbert in charge of this afternoon fitting at the fairgrounds.

In the evening the 4-H Dairy goat roundup was held at the Bedford fairgrounds with Robin Wallace, R3 Bedford, as judge. Results include:

	Morning Session		
	Type	Showmanship	Fitting
Jersey			
Sr Year			
Gina Hall	Red	Blue	Red
Tina Hall	Red	Blue	Red
Ayrshire			
Jr 2yr old			
Janet Sweinhart	Blue	Red	Red
Jr Yearling			
Dorothy Mowry	Blue	Blue	Blue
Sr Calf			
Mary Mowry	Blue	Red	Blue
Red and White			
Intermediate Calf			
Dorothy Mowry	Blue	Red	Blue
Jr Yearling			
Mary Mowry	Blue	Blue	Blue
Holstein			
Jr Calf			
Becky Mohr	Blue	Blue	Blue
Brent Snider	Blue	Blue	Blue
Jamie Over	Blue	Red	Blue
Ross Hershberger	Blue	Blue	Red
Joey Kelly	White	White	Red
Angie McDonald	Blue	Blue	Red
Intermediate Calf			
Dan Over	Blue	Blue	Blue
Chris Bowman	Red	Red	Blue
Julie Bechtel	Blue	Red	Blue
George Garman	Red	White	Red
Senior Calf			
Eric Corle	Blue	Blue	Red
Wendy Kelly	Blue	Blue	Red
Robin Smith	Blue	Blue	Blue
Junior Yearling			
Shawn Wyles	Blue	Blue	Red
Doug Smith	Blue	Blue	Blue
Kevin Suters	Red	Red	Red
Lincoln Richey	White	Red	White
Travis Hughes	White	Red	Blue
David Gates	Blue	Red	Blue
Senior Yearling			
Mary Guyer	Blue	Blue	Red
Eric Ritchey	Red	Red	Red
Becky Mohr	Blue	Blue	Blue
2 year old			
John Bechtel	Blue	Red	Blue
Guernsey			
Junior Calf			
Galen McDonald	Blue	Red	Blue
Joel Garmen	Blue	Red	Blue
Intermediate Calf			
Bill Snider	Blue	Blue	Blue
Senior Calf			
Brandon Snider	Blue	Red	Blue
Junior Yearling			
Ken Corle	Blue	Blue	Blue
Melissa McDonald	Blue	Blue	Red
Senior Yearling			
Julie Snider	Blue	Blue	Blue
4 year old			
Alicia McDonald	Blue	Red	Blue
	Afternoon Session		
Guernsey			
Senior Calf			
Beth Clark	Blue	Red	Blue
Beth Clark	Blue		Blue
Senior Yearling			
Tammy Seese	Blue	Red	Blue
Jersey			
Senior Yearling			
Richard Seese	Blue	White	Blue
Holstein			
Junior Calf			
Jennifer Hite	Blue	Red	Blue
Amy Wilson	Red	Red	Blue
Leslie May	Blue	Blue	Blue
Ann Baker	Blue	Red	Blue
Dade Brookes	Red	Red	Blue
Terri Seese	Red	Red	Blue
Lisa May	Red	Red	Blue
Senior Calf			
Brian Koontz	Blue	Blue	Red
Scott Cox	Blue	Blue	Red
Davy Stanton	Red	Red	Blue
Junior Yearling			
Holly Wertz	Red	Red	Blue
Bobbie Mowry	Blue	Red	Blue
Kenny Cox	Red	Red	Blue
Senior Yearling			
Jimmy Smith	Blue	Blue	Blue
Two Year Old			
Becky Mowry	Blue	Blue	Blue
Ayrshire			
Junior Calf			
Linette Diehl	Blue	White	Blue
Junior Yearling			
Ellen Diehl	Blue	Red	Blue
Brian Diehl	Blue	Blue	Blue
Red and White			
Intermediate Calf			
Julie Truax	Red	Red	Red
Holly Seese	Blue	Red	Blue
Junior Yearlings			
Erin Johnson	White	White	White
Jim Truax	White	Red	White
Kim Truax	White	Blue	Red
	Dairy Goat Roundup		
Jim Truax	Red	Blue	Blue
Julie Truax	Blue	Blue	Blue
LaJennifer Detwiler	Blue	Blue	Blue
Bart Steinbuch	Red	Blue	Blue
Kim Truax	White	Blue	Blue
Chris Truax	White	Blue	Blue
Steve Kagarise	White	Blue	Blue

4-H'ers Participate in Region Night

MECHANICSBURG — Adams and Dauphin County 4-H'ers recently participated in the Capital Region 4-H Night at Cumberland Valley High School.

Adams County 4-H results are:

Demonstration competition, senior division - Karl Tyson, engineering, gold; Beth Bishop, foods and nutrition. blue; Sharon O'Brein, clothing and textiles, red; Judy Furlong, general, red; Jeanne Smith, home and family management, red; Susan Murren, animal science, red; and Janet Ludwig, animal science, white.

Those participants who received gold, blue or red ribbons are eligible to compete at the statewide level which is to be held at Penn State Aug. 8 and 9.

Dan Klinedinst, who participated in the public speaking competition, is also eligible to compete at State Days.

Nine junior demonstrators competed with the following results: Darcy Robison, clothing and textiles, blue; Amy Rodgers, home and family management, blue; Tanya Petry, home and family management, blue; Jill Tyson, animal science, blue; Jeff Robison, engineering, blue; Heidi Quanbeck, animal science, blue; Tony Boring, animal science, blue; Lori Weaver, clothing and textiles, red; and Emily Lott, clothing and textiles, white.

The following team members participated in judging practice in preparation for the 4-H State Days Competition. Consumerama: Mitch Reaver, Kim Paull, Rhonda Weigle and Noel King; Foodarama: Bonni Bishop, Tina Renoll; Clothing and Textiles: Angie Hawn and Tina Hawn.

Dauphin County results were as follows:

Junior and senior demonstrations: Laura Cini, Hershey, blue ribbon; Mark Brubaker, Halifax, blue ribbon; Michelle Mock, Middletown, blue ribbon; Shelly Fetterhoff, Harrisburg, blue ribbon.

Adams County 4-H'er Jeff Robison, 9, Aspers, develops speaking skills at the Regional 4-H Nite. Robison received a 1st place ribbon for his efforts in his woodworking demonstration.

The junior dairy bowl team placed fourth. Those participants were: Glen Campbell, Lykens; Kim Boyer, Millersburg; Steve and Debbie Shetterly, Millersburg.

The clothing and textiles judging team placed first. Members were: Amy Williams, Hummelstown; Carol Fox, Hummelstown; and Laurie Peters, Middletown.

Other participants were Laura Etzweiler, Halifax; Karen Brandt, Hershey,; and Theresa Hepner, Middletown.

The clothing and judging team and senior demonstrators will participate in state competition.

Seeking Sponsors

YORK — Loganville and Glen Rock 4-H Club members are seeking sponsors in surrounding communities in York County for a Dance-a-thon to raise funds for "The House That Love Will Build," the Ronald McDonald House to be built near the Milton S. Hershey Medical Center.

A Ronald McDonald House is a home where families from all over Central Pennsylvania can stay while their children are receiving specialized treatment at the medical center. It provides comfort, emotional support, and privacy to families of seriously ill children.

Pledges and donations can be made to any Glen Rock or Loganville 4-H member or by calling 428-3732 or 741-2926.

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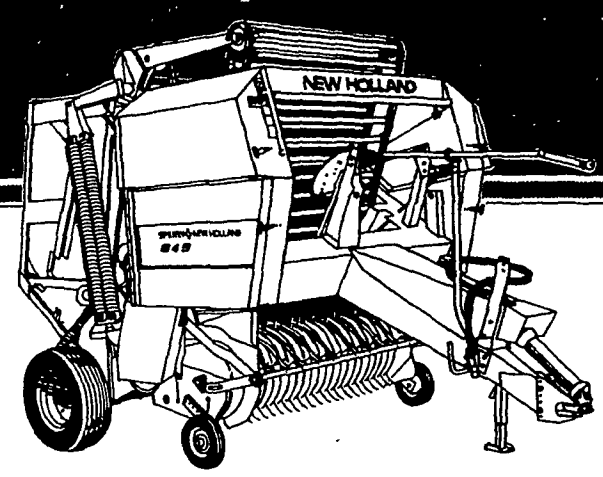

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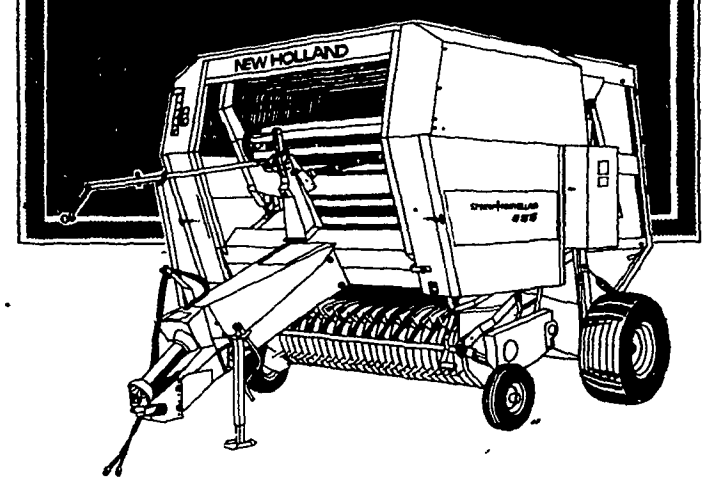

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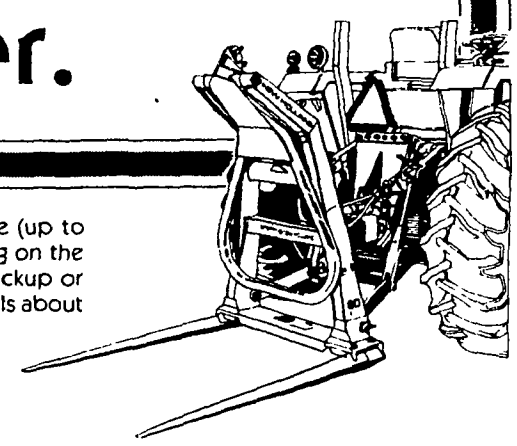

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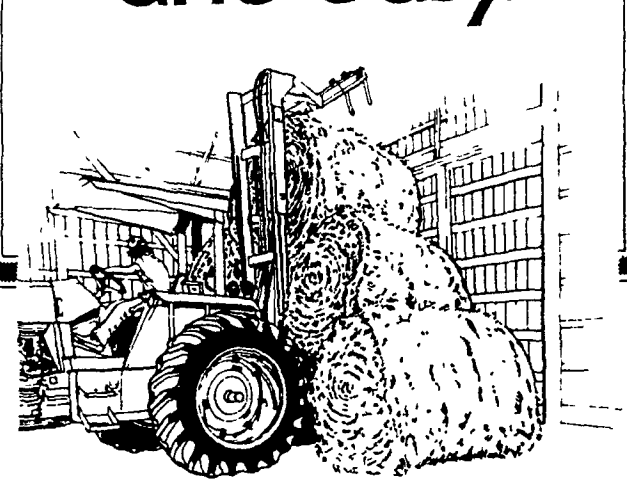

The Model 90 bale handler picks up bales in the field and stacks them two high on a farm wagon. At the storage area, it retrieves the bales, stacks them three high and retrieves them from the stack for feeding. It's the ideal way for stacking bales under cover. Want a demonstration? Just ask.

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FFA'ers attend Washington conference

Cloister FFA members, Tim Pfautz, left, and Tom High are shown with Bryan Stamps, of Mississippi, National Vice President.

WASHINGTON, D.C. — Two members of the Cloister FFA Chapter, Ephrata, and a pair of members of the Oley Valley Chapter participated in the Future Farmers of America Leadership Conference Program held at the nation's capital.

The Cloister FFA members include Tim Pfautz and Tom High. Pfautz is the son of Mr. and Mrs. Leroy Pfautz, of Stevens, and High is the son of Mr. and Mrs. Floyd High, of Ephrata.

Included in their trip to Washington was a visit at the office of Congressman Bob Walker. Their advisor is Lew Ayers.

The Oley Valley FFA members are Kevin Schlegel and Kirk Fisher. Schlegel is the son of Mr. and Mrs. Richard Schlegel, of Oley, and F her is the son of Mr. and Mrs. St e Fisher, of Oley.

Both made a visit to the office of Congressman Gus Yatron. Their FFA advisor is Jim Howe.

The week-long program is designed to aid FFA members improve their leadership skills, develop an understanding of the nation's heritage and prepare for more effective leadership roles in their chapters and communities. Sessions are held on social and human relations, group leadership and personal communication.

Oley Valley FFA members, Kevin Schlegel, left, and Kirk Fisher, are greeted by Bryan Stamps, National Vice President.

Dowey wins FFA market hog show title

BY PATTY GROSS
Staff Correspondent

LEAMERSVILLE — Over one-hundred hogs and their youthful exhibitors participated July 18 at the annual Blair-Bedford-Fulton FFA Market Hog Show and Sale held at the G & M Livestock Market, Leamersville, Blair County.

The grand champion hog was shown by John Dowey of the Williamsburg FFA Chapter. Richard Shaw of Shaw Packing Company, Newry, purchased the 230-pound champion for $3.20 a pound. Dowey received a trophy from Keystone Feed and Flour for his grand champion swine.

Wayne President of the Central Cove FFA Chapter showed the reserve grand champion hog. Agway Inc. of Curryville presented him with a trophy during the show. The 230-pound reserve champion brought $2.10 a pound from Ezra Good, of Hatfield Packing, Hatfield.

Third-place was captured by Randy Rhodes of the Central Cove FFA Chapter for the 236-pound animal he raised and showed. The hog was bought by his father Lloyd Rhodes of Rhodes Meat Market, Martinsburg, for $1.90 a pound.

Grand champion at annual Blair, Bedford & Fulton FFA Market Hog Show and Sale was shown by John Dowey and purchased by Richard Shaw, of Shaw Packing, for $3.20 a pound.

Another member of Central Cove won top honors with his 252-pound hog. Shaw Packing purchased Gary Eshelman's 4th place hog for $1.35 a pound.

Twenty-eight FFA members from Bellwood-Antis, Hollidaysburg, Central. Tyrone, Williamsburg, Northern Bedford, Bedford and Chestnut Ridge participated in the show and sale sponsored by their chapters, the Martinsburg Boosters Association and G & M Livestock Market.

The 101 hogs sold for a total of $15,225.72, with the average price being $67.48. The total weight of the sale animals was 22,564 pounds. The average hog weighed 223.4 pounds.

There were ten buyers at the show and sale. They were Shaw Packing, Newry; Hatfield Packing, Hatfield; Rhodes Meat Market, R2 Martinsburg; Holland Brothers Meats, Newry, G & M Livestock Market, R2, Duncansville; Garner Meats, Altoona, Williamsburg IGA, Williamsburg; Hollidaysburg Auto Parts, Hollidaysburg; Froelick's Meat Market, Johnstown; Pudliner's Meat Market, Johnstown.

Ezra Good, buyer for Hatfield Packing Company was show judge, while Eugene Gontis, of R6 Somerset, auctioneered the sale.

Each exhibitor was provided with a free lunch by G & M Livestock Market.

(Turn to Page B17)

It was a family affair with the third-place hog of Randy Rhodes purchased by his father Lloyd Rhodes, of Rhodes Meat Market, for $1.90 a pound.

Wayne Pheasant's reserve grand champion hog was purchased by Ezra Good, of Hatfield Packing, for $2.10 a pound.

Naugle ends presidential year

RED LION — Guy W. Naugle, Jr., a teacher of vocational agriculture at Red Lion Area Senior High School for 14 years, completed his year as president of the 385 vocational agriculture teachers organization for Pennsylvania, during the three-day Professional and Technical Institute at Penn State recently.

During the past seven years Naugle has served as treasurer and regional vice-president. The institute involved many varied activities; in-depth classes on technical agriculture information, PVATA business sessions, banquets and awards presentations, observation of commercial exhibits on educational and agricultural materials, and several speakers from PA Dept. of Vocational Education and PA State University, Agricultural Education Department. Also, Sam Stenzel, executive director of the National Vocational Agricultural Teachers Association from Washington, D.C. was available during the institute.

Some of the activities Naugle was involved with during his year as president were: PVATA executive board meetings, beginning vo-ag teacher workshop, PVATA regional membership meetings, FFA Activities Week planning for PA, hearings on Vocational Education, AVA-NVATA Convention in St. Louis, Missouri, PA Council of Farm Organizations, SOEP Workshop, NVATA Regional metting at Rutgers University, N.J., and PA Department of Education Advisory Committee.

Other areas of concern that have been receiving attention during the past year are: to develop a better understanding of the needs of vocational agriculture' in the schools of Pennsylvania as to financing, length of teacher contracts, and communications; the development of the Pennsylvania FFA Foundation, Incorporated which would seek agri-business financial assistance for FFA member activities; and hiring of a state wide executive secretary for FFA activities since vocational education staff have been cut on the state level.

Winners Named at Lancaster 4-H Horse Show

LITITZ — The Lancaster County 4-H Horse Show took place recently at the Lower Hopewell Horse Farm, Lititz.

There were 74 club members entered in the 34 classes. The top three placings in each class, except two in Pair and one County Team, will be eligible to enter the district show to take place Aug. 27 at the Lancaster Riding and Tennis Club.

Judges for the show were William Lewis, Western, and Margaret Cawley, English.

Winners were:

Grooming and Showmanship - Junior - Doug Deibler, 516 Owl Hill Road, Lititz, first; Sallie Gregory, 721 E. 28th Highway, Lititz, Second; Tina Redcay, Denver R2, third.

Grooming and Showmanship - Senior - Tracy Stauffer, 1804 Ridgeview Ave., Lancaster, first; Ken Sherlaw, 3331 Columbia Ave., Lancaster, second; Alida Farrington, 390 Speedwell Forge Road, Lititz.

Pleasure Pony Driving - Heather Kauffman, Pequea R1, first.

Open Trail (13.2 hands and under) - Angie Heisey, 108 E. High St., Manheim, first; Camille Long, 222 S. Spruce St., Elizabethtown, second; Michelle Harris, Manheim R2, third.

Open Trail (over 13.2 hands) - Pam Huber, 366 S. Belmont Road, Paradise, first; Alison Heisey, 108 E. High St., Manheim, second; Doub Beibler, 516 Owl Hill Road, Lititz, third.

County Team - Jason Watts, 67 S. Heck Road, Lititz; Jessie Watts, 67 S. Heck Road, Lititz; Janet Wheat, 2004 Hillcroft Drive, Forest Hill, Md., first place Team; Nichelle Ressler, Elizabethtown R4; Kathy Stanson, 960 E. Walnut St., Palmyra; Sarita Tevethia, 120 Sand Road, Hershey, second place team.

Pleasure Pairs - Carla Melasecca and Mary Ann Melasecca, Kirkwood R1, first; Tammy Long, 1019 Hunt Club Drive, Lancaster, and Valerie High, 1398 Nissley Road, Landisville, second; Kathy Stanson, 960 E. Walnut St., Palmyra, and Sarita Tevethia, 120 Sand Road, Hershey, third.

Stock Seat Equitation - Junior - Jessie Watts, 67 S. Heck Road, Lititz, first; Jason Watts, 67 S. Heck Road, Lititz, second; Doub Deibler, 516 Owl Hill Road, Lititz, third.

Stock Seat Equitation - Senior - Ken Sherlaw, 3331 Columbia Ave., Lancaster, first; Janet Wheat, 2004 Hillcroft Drive, Forest Hill, Md., second; Tracy Stauffer, 1804 Ridgeview Ave., Lancaster, third.

Western Pleasure Ponies (12.2 hands and under) - Michelle Harris, Manheim R2, first; Krista Knox, Kissel Hill Road, Lititz R3, second.

Western Pleasure Ponies (over 12.2 hands, not over 14) - Chris Miller, Lititz R3, first; Alison Heisey, 108 E. High St., Manheim, second; Angie Heisey, 108 E. High St., Manheim, third.

Western Pleasure Horses (over 14 hands) - Jessie Watts, 67 S. Heck Road, Lititz, first; Ken Sherlaw, 3331 Columbia Ave., Lancaster, second; Doug Deibler, 516 Owl Hill Road, Lititz, third.

Western Riding Contest Wayne Stoltzfus; Peach Bottom R1, first.

Pole Bending Ponies (13.2 hands and under) - Wayne Stoltzfus, Peach Bottom R1, first; Michelle Miller, Mount Joy R2, second; Krista Knox, Kissel Hill Road, Lititz R3, third.

Pole Bending Ponies (over 13.2 hands) - Michael Charles, Columbia R1, first; Brian Miller, Manheim R4, second; Tim Kauffman, Pequea R1, third.

Clover Leaf Barrel Race - Ponies (13.2 hands and under) - Wayne Stoltzfus, Peach Bottom R1, first; Angie Heisey, 108 E. High St., Manheim, second; Michelle Miller, Mount Joy R2, third.

Clover Leaf Barrel Race (over 13.2 hands) - Melissa Charles, Columbia R1, first; Michael Charles, Columbia R1, second; Brian Miller, Manheim R4, third.

Four Corner Stake (13.2 hands and under) - Wayne Stoltzfus, Peach Bottom R1, first.

Four Corner Stake (over 13.2 hands) - Melissa Charles, Columbia R1, first; Michael Charles, Columbia R1, second; Brian Miller, Manheim R4, third.

Saddle Seat Equitation - Junior - Mary E. Ewing, Columbia R2, first.

Saddle Seat Equitation - Senior - Brook Sweigart, R2, first.

Hunter Seat Equitation (not to jump) - Junior - Heather Wardell, 210 Snavely Mill Road, Lititz, first; Elizabeth Rohrer, Quarryville R4, second; Kim Hartzler, Mount Joy R1, third.

Hunter Seat Equitation (not to jump) - Senior - Alida Farrington, 390 Speedwell Forge Road, Lititz, first; Tammy Long, 1019 Hunt Club Drive, Lancaster, second; Valerie High, 1398 Nissley Road, Landisville.

Hunter Seat Equitation (over jump) - Junior - Todd Wardell, 210 Snavely Mill Road, Lititz, first; Jason Kauffman, Pequea R1, second; Diane Barron, 302 E. Willow Street, Elizabethtown, third.

Hunter Seat Equitation (over jump) - Senior - Elizabeth Waldeck, Washington Boro R1, first; Carl Devitry, Elizabethtown R5, second; Debbie Smart, Quarryville R1, third.

Saddle Seat Pleasure Ponies (14.2 hands and under) - Mary E. Ewing, Columbia R2, first.

Saddle Seat Pleasure Horses (over 14.2 hands) - Brook Sweigart, Denver R3, first.

Hunter Under Saddle (14.2 hands and under) - Heather Wardell, 210 Snavely Mill Road, Lititz, first; Carl Devitry, Elizabethtown R5, second; Jason Kauffman, Pequea R1, third.

Hunter Under Saddle (over 14.2 hands) - Valerie High, 1398 Nissley Road, Landisville, first; Elizabeth Waldeck, Washington Boro R1, second; Tammy Long, 1019 Hunt Club Drive, Lancaster, third.

Working Hunter Horses (over 14.2 hands) - Kay Dubler, 54 Condran Drive, Middletown, first; Elizabeth Waldeck, Washington Boro R1, second; Jill Kettering, Manheim R7, third.

Open Pleasure Class - Sallie Gregory, 721 E. 28th Division Highway, Lititz, first; Heather Steele, 1616 Ridgedale Ave., Lancaster, second; Yvonne Peters, Manheim R2, third.

English Walk Trot - Becky Preiss, 1604 English Brook Drive, Landisville, first.

Western Walk Jog - Donna Burton, 5300 Street Road, Oxford, first; Heather Kauffman, Pequea R1, second.

Dowey wins

(Continued from Page B16)

In the heavyweight division (234-258 lbs.) Randy Rhodes of Central Cove placed first. Other winners were Gary Eshleman, Central Cove, second; Sheila Biddle, Williamsburg, third; John Dixon, Central Cove, fourth; Bob Ferry, Central Cove, fifth.

In the medium weight division (222-230 lbs.): John Dowey, Williamsburg, first; Wayne Pheasant, Central Cove, second; Carol Frederick, Central Cove, third; Todd Hall, Northern Bedford, fourth; David Bishop, Williamsburg, fifth.

Light medium weight division (208-216 lbs.): Kevin Rhodes, Central Cove, first; Robert Bishop, Williamsburg, second; Mike Anderson, Chestnut Ridge, third; Holli Pheasant, Williamsburg, fourth; Tyson Schweitzer, Bedford, fifth.

Lightweight division (172-206 lbs.): Robert Anderson, Bedford, first; Carol Anderson, Bedford, second; Jean Sigel, Bedford, third; Dan McIntyre, Hollidaysburg, fourth; Tom Whiteford, Bellwood-Antis, fifth.

4-H'ers participate in exchange

EBENSBURG — 4-H members and leaders from Dauphin County visited and toured the Cambria County area with Cambria County 4-H'ers in the second year of the Exchange Program set up between Dauphin and Cambria Counties.

4-H'ers stayed in homes of Cambria Countians and culminated their stay with a picnic at the Pat Mohney home, Ebensburg.

The week included, besides visiting and getting to know new people, tours in the Johnstown area (WJAC-TV, Galliker Dairy) and Bedford Village.

This program is within the state of Pennsylvania and is primarily for the younger 4-H'ers. It is hoped to continue this program by visiting another county next year.

Those involved with this program included the following: Mrs. Betty Buffington, Millersburg; Mrs. Bonnie Schildt, Elizabethtown; chaperones with the Dauphin County 4-H Exchange; and Cambria County hosts, Mrs. Irma Buksa, Johnstown; Mrs. Terri Soyka, Revloc; Mrs. Pat Mohney, Mrs. Nancy Swope and Mrs. Marcia Tsikalas, all of Ebensburg; Mrs. Betty George, South Fork; Mrs. Donna Nischalke, Vintondale.

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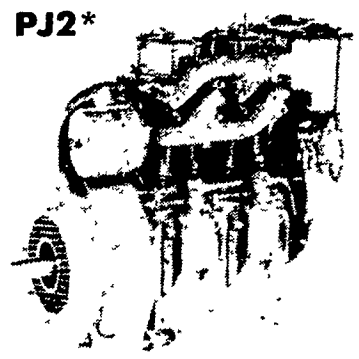

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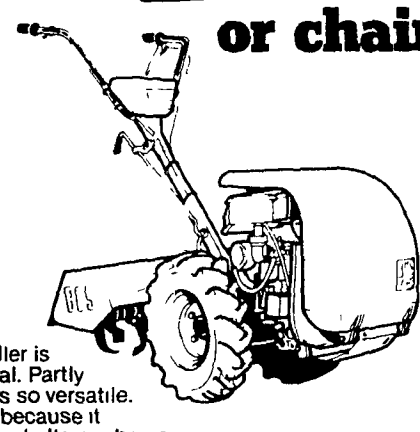

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Farm Women Societies

Lancaster Society 31

Lancaster Society 31 met at the home of Carol Groff, Kirkwood, for their July meeting.

Members decided to donate $500 to the June Smith Center.

The program, "Your Handwriting Shows," was presented by Charles A. Achey Jr.

Berks Society 6

Berks Society 6 met in the home of Mrs. Robert Noll, Oley R1, and viewed articles from the Country Store Parties, brought by Mrs. Leo P. Beck, of Agri-Women.

The family picnic will take place at 12:30 p.m. Sunday at the home of Nora Schweitzer, Limekiln.

Farm-City week will take place Aug. 30-31 on Penn Street, Reading.

The Society will sell refreshments at the Oley Fire Company grounds today, Aug. 6 and Aug. 20.

The Aug. 9 meeting will take place at the home of Mrs. Jacob Hartz, Oley R2.

Berks Society 12

Berks Society 12 met recently at the home of Mabel Strunk, Bernville R2.

Marti Smith, Keystone Community Blood Bank, explained the purpose of the bank by showing slides. The Blood Mobile will be at the Bernville Grange Hall Oct. 6.

It was decided by the group to sell pies at the Reading Fair in September.

Plans were discussed for the county convention at the Ag Center in October. The next meeting will take place at Kauffman Bar-B-Q Ranch, Rehrersburg on Aug. 10.

Green Valley Society 26

Green Valley Society 26 met recently at the home of Judy Muth, Etters R2.

It was announced that some of the members will travel to the 4-H Center to attend the York County picnic.

A donation was sent to Red Land Community Action Program, Inc., and a picture of the Society is being sent to the York County Society for the scrapbook.

The next meeting will be at 6:30 p.m. Aug. 9 at Salem Church pavilion. This will be a picnic and Society 30 will be entertained.

Fulton Grange 66

Fulton Grange 66 met recently and went on record in support of Senate Bill 463, requiring a five cent deposit on beverage bottles and cans.

Lecturer Dorothy Stauffer conducted a stunt involving everyone, and Thomas Galbreath, Kenneth Groff, Everett Kreider, Clifford Holloway Jr., and Charles Browning took part in a game.

James Conte, a member of Elizabethtown Grange 2076 and director of Rough and Tumble Engineers' Historical Association, Inc., spoke briefly and showed a film on their show days with many obsolete engines, tread mills and threshers.

The annual picnic will be held Aug. 8. Each member should bring one meat dish and one other dish. Rolls, butter and beverage will be provided.

S.E. Regional 4-H Day Held

LANSDALE — One hundred and fifty 4-H members from Chester, Berks, Bucks, Delaware, Lehigh, Northampton and Montgomery Counties participated in the various educational activities of Southeast Regional 4-H Day in Lansdale recently.

The Berks Co. 4-H Dairy Bowl team placed first in their event. Team members were: Clark Sattazahn, Doris Stump, Deborah Price and Sandra Moser.

Bucks County A Horse Bowl Team won the blue ribbons over five other teams. Bonnie Hottle, Sue Scott, Jennifer Mease and Carrie Stuart were all team members, coached by Mrs. Nancy Hottle, Coopersburg.

Educational events to strengthen 4-H'ers knowledge of specific subject matter and to provide training for competition at 4-H State Achievement Days were held including; clothing and textile judging, consumerama, vegetable judging, physical fitness contest, and rabbit judging.

4-H members also expressed their project knowledge by competing in Junior and Senior Demonstration and public speaking contests. Kathy Listwak, Lehigh Co. 4-H coordinator, conducted these events.

F.W.S. Calendar

Saturday, July 30

Lancaster Society 5 meets for an auction.

Tuesday, Aug. 2

Berks Society 5 meets to hear home economist.

Lancaster Society 33 meets for Lancaster County Farm Women picnic at noon.

Wednesday, Aug. 3

Lancaster Farm Women picnic at Lampeter Community Park.

Thursday, Aug. 4

Lancaster Society 20 meets for a picnic at Huffnagle Park, Quarryville.

Lancaster Society 17 meets to entertain their husbands.

Saturday, Aug. 6

Lancaster Society 6 meets at the home of Mrs. Willis Hackman for a talk by Richard Moyer on Germany.

Lancaster Society 1 meets for a surprise program.

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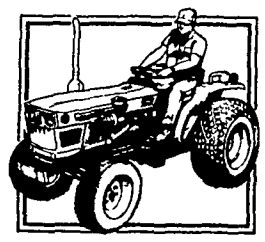

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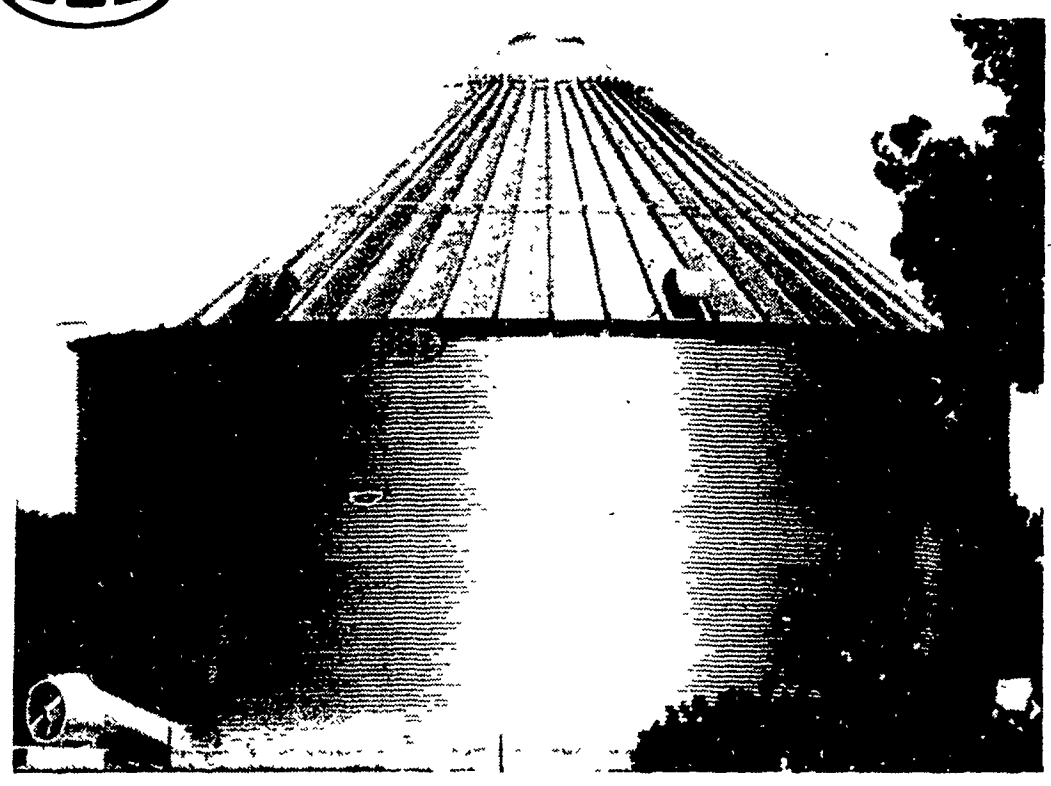

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Champions named at Northwest Pa. Jersey Show

MERCER — John and Amy Vanderstappen, of Greenville, exhibited the grand champion winner at the 2nd annual Northwest Pa. District Jersey Show in June.

Prince Sharon Sally, sired by LC Master Prince, placed first in the aged cow class and went on to win both the senior and grand champion titles.

Receiving reserve grand champion and senior honors was a 2-year-old owned by Romar Jersey Farm, New Wilmington. Judge James Ross of Ohio chose Romar Dutch Nina Nan, sired by Van Des Dutchman, for the honor.

The junior champion title went to Jem Overdrive Inez Ideal, a senior calf owned by Hillcrest Jersey Farm, Volant. Reserve junior champion honors were won by Spring Run Jersey Farm, New Wilmington, and Spring Run Saint Precious, a junior yearling.

In the junior show division, Stan Els Samson Cleo won the grand champion title. Cleo, a 3-year-old, was exhibited by Jackie Koontz.

The total performance award went to Ladybug Soldier Boy Janice, owned by William Moore of Volant. A senior 2-year-old, Janice produced 20,033 pounds of milk at a four percent butterfat test.

Receiving the premier exhibitor and premier breeder awards were, respectively, Ladybug Farm, owned by Jessie and William Moore, Volant, and Romar Jersey Farm, owned by Robert and Charles Moose, New Wilminton.

Northwest Pa District Jersey Show Winners

Junior Calf

1 Romar Jersey Farm, New Wilmington 2 Spring Run Farm New Wilmington 3 Hillcrest Jersey Farm, Volant

Intermediate Calf

1 Hillcrest Jersey Farm, Volant, 2 Romar Jersey Farm New Wilmington, 3 Paul R Seidewitz

Senior Calf

1 Hillcrest Jersey Farm, Volant, 2 Romar Jersey Farm New Wilmington, 3 Spruce Row Farm, Meadville

Junior Yearling

1 Spring Run Jersey Farm, New Wilmington 2 David Black Saegertown, 3 Hillcrest Jersey Farm Volant

Senior Yearling

1 Romar Jersey Farm, New Wilmington, 2 Hillcrest Jersey Farm Volant 3 Vantage Jerseys Fredonia

Jr 2 Year Old

1 Hillcrest Jersey Farm, Volant, 2 Jesse Moore Volant, 3 John and Amy Vanderstappen Greenville

Sr 2 Year Old

1 Romar Jersey Farm, New Wilmington 2 Jackie Koontz, 3 Romar Jersey Farm, New Wilmington

3 Year Old Cow

1 Jackie Koontz 2 Hillcrest Jersey Farm Volant 3 Marshie Chess Fredonia

4 Year Old Cow

1 Romar Jersey Farm New Wilmington 2 Jesse Moore Volant 3 Hillcrest Jersey Farm Volant

Aged Cow

1 John and Amy Vanderstappen Greenville 2 Spring Run Farm New Wilmington 3 Jesse Moore Volant

Best 3 Females

1 Romar Jersey Farm New Wilmington 2 Hillcrest Jersey Farm Volant 3 Jesse Moore Volant

Jefferson 4-H

The Jefferson Community 4-H Club met recently at Codorus State Park and participated in a nature hike.

Club members attending State Days Aug. 8-10 will have half of their fees paid by the club.

Steve Wherley will represent the club at the Hot Dog Eating Contest during the 4-H fair. The next meeting will take place Aug. 9 and will be a practice for the 4-H Olympics.

P.A.W.S. Dog Club

The P.A.W.S. 4-H Dog Club entertained residents at the Stone Arch Nursing Home recently.

Mrs. Littlewood was the guest speaker at the July meeting. She brought her Irish Wolfhound for all to see. Cheryl Bell gave a presentation on orphan kittens.

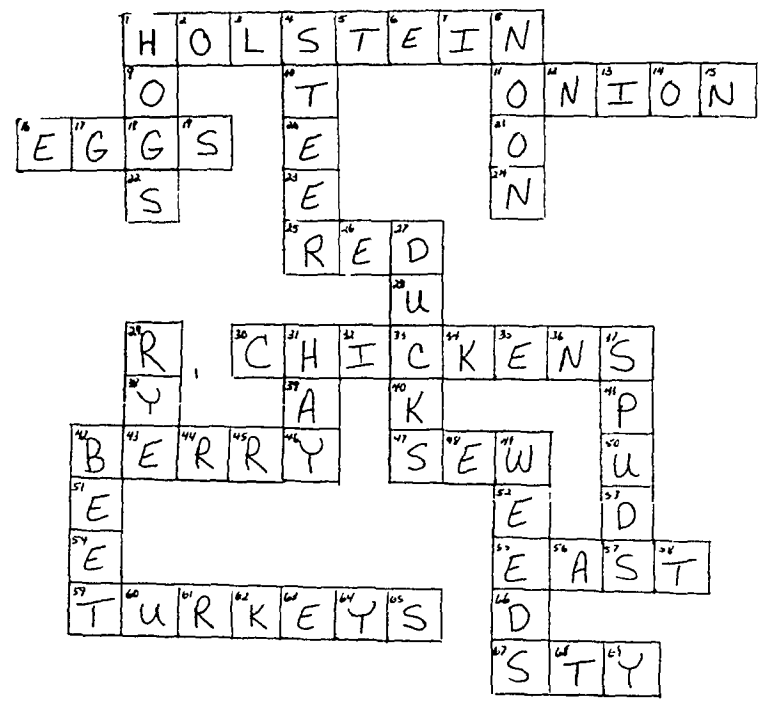
Perry County 4-H

The Perry County 4-H Dairy Club met recently at the Fran Palm farm and discussed showmanship, demonstrated by Fran Palm and John Harris.

Ribbons were awarded to the Senior Dairy Bowl team who placed third at the Regional 4-H Night. The Junior Dairy Bowl team also placed third.

Members representing the club at the State 4-H Achievement Day are Brenda Hummel, Benjamin Dum Jr., Nancy Dum, Kimberly Kriebel, Jennifer Kriebel, Judith Kriebel and Irene Benner.

Answers to puzzle on page 10.



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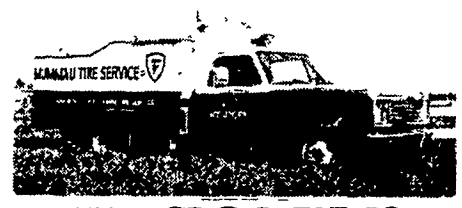

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13.6x38, 6 ply	$191.15
13.9x36, 6 ply	$185.00
14.9x26, 6 ply	$170.00
14.9x28, 4 ply	$158.00
14.9x38, 6 ply	$224.00
15.5x38, 6 ply	$220.72
16.9x34, 6 ply	$250.00
16.9x38, 6 ply	$275.00
18.4x38, 8 ply	$364.12
20.8x38, 8 ply	$495.00
20.8x34, 6 ply	$450.00
18.4x34, 6 ply	$289.00
18.4x34 8 ply	$325.00
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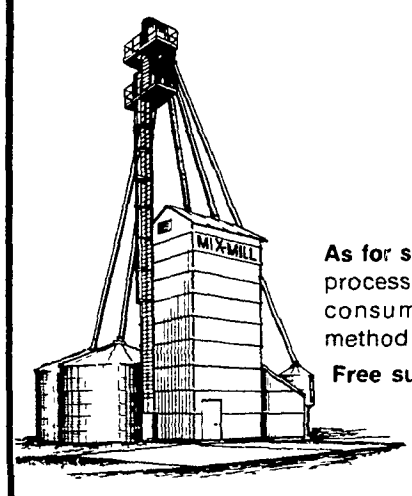

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MacCauley wins Chester Co. 4-H lamb honors

For the fourth time, Donna MacCauley, of Atglen, won the championship title at the Chester County 4-H Market Lamb Show. Presenting Donna her trophy is Annette Menhennett of Cochranville.

BY LAURA ENGLAND

ATGLEN — When it comes to championship titles, Donna MacCauley is batting 100 percent as she won her fourth Chester County 4-H Market Lamb title, Tuesday.

MacCauley, of Atglen, has been showing sheep for four years and each time has won the county 4-H championship honors. This year's middleweight market lamb entry was no exception as it took first in its class and first overall.

Judge Ken Brubaker, West Chester, chose the second place middleweight lamb, owned by Bunny Hicks of Coatesville, for the reserve champion title.

Showing the first place lightweight lamb was Helen Holmes, Oxford. Katie Hicks of Coatesville won the heavyweight honors.

Thirteen lambs, all homebred and raised, competed for the honors at the Chester County 4-H Lamb Show and Sale, Tuesday. The show was hosted by Breezeview Farm, Atglen, and the sale was held at Vintage Sales Stable, Paradise.

The champion lamb, bought by Vintage Sales Stable, sold for $2.20 per pound. The reserve champion sold for $1.20 per pound and was bought by Ration Maker East of Ashbroo, NC. The average sale price per pound was $1.05.

Other buyers were Mike Rapp, Downingtown; Ferranti Urso, Philadelphia; Breezeview Farm, Atglen; Creutzburg Company, Paradise; Walter Dunlap, Lancaster Stockyards; Ed Mercer, Doylestown; Murphy, West Chester; Gerald Williams, Parkerford; Amos Hurst, East Earl; and Downingtown National Bank. All buyers received banners and ribbons.

Show class winners were: **Lightweight** — 1, Helen Holmes; 2, Robby Holmes; 3, Sam Holmes; 4, Helen Holmes; 5, Robby Holmes; 6, Sam Holmes; **Middleweight** — 1, Donna MacCauley; 2, Bunny Hicks; 3 and 4, Cathy Hawthorne; **Heavyweight** — 1, Katie Hicks; 2, Nancy MacCauley; 3, Ricky Hicks.

Bunny Hickes, Coatesville, and her middleweight market lamb received the reserve champion honors at the Chester County 4-H round-up. Pictured with Bunny is Annette Menhennett, Cochranville, who sponsored the championship trophies.

Named as the middleweight blue ribbon winners at the Chester County 4-H round-up were from left, Donna MacCauley, Atglen, and Bunny Hicks, Coatesville.

Receiving blue ribbons for their lightweight entries at the Chester County 4-H Market Lamb Show were Helen Holmes and Robby Holmes of Oxford. Robby's brother, Sam, is shown with his second-place lamb.

Show judge Ken Brubaker, West Chester, checks over Katie Hick's entry in the heavyweight market lamb class during the Chester County 4-H Show, Tuesday.

Katie Hicks of Coatesville, left, and Nancy MacCauley of Atglen, took first and second place, respectively, in the heavyweight market lamb class. Both girls received blue ribbons.

4-H'ers participate in fashion show

GETTYSBURG — Thirteen Adams County 4-H'ers attended Regional Fashion Revue Thursday at Messiah College.

Junior participants included Trudi Legg, Gettysburg; Pam Hawn, Gettysburg; Tiffany Weaver, Biglerville; Shannon Strasbaugh, Gettysburg; and Lela Mummert, East Berlin. Noel King, York Springs, was an alternate.

Sr. participants are those 4-H members who are age 14 or older. Representing Adams County were Angie Hawn, Gettysburg; Tina Hawn, Gettysburg; Jacki King, York Springs; Jody Boyer, East Berlin; Cindy Myers, Abbottstown; Beth Bishop, Gettysburg; Sue Underwood, Gettysburg; and Tina Renoll, Aspers.

Round Valley Riders

The Round Valley Riders 4-H Horse Club met at the Lewis home in Lebanon and discussed the plans for the Flemington Fair.

Senior members Lisa Davis, Nancy Funkhouse and Jackie Lewis were honored with a special cake.

Centre County Dairy Goat Club

The Centre County 4-H Dairy Goat Club met at the home of Danny Harter, Zion, to discuss the club exhibit for the Grange Fair.

The program, "The Proper Grooming of a Dairy Goat," was given by Jane Smeltzer.

Berks County Sponsors Fair

LEESPORT — The annual Berks County 4-H Fair will take place Aug. 4, 5, and 6 on the grounds of the Berks County 4-H Community Center, located behind the Ag Center in Bern Township. This year's fair will be utilizing the newly constructed 4-H Community Center building.

The fair will run from noon to 8:30 p.m. Thursday and from 10 a.m. to 8 p.m. Friday. On Saturday, the Horse Clubs will hold their annual Round-Up and Show.

4-H members will compete in a variety of judging contests, exhibits and other competitive events throughout the day.

Refreshments and a milkshake wagon will be available at all times. A free petting zoo will be open Thursday and Friday. A pig roast will be featured Friday evening. Reservations are necessary.

Henderson 4-H Club

Danny Muth and Kevin and Greg Wachob, from the Big Run Volunteer Fire Company, explained the use and value of fire extinguishers to the Henderson 4-H Club at their monthly meeting. They also showed the group the equipment they carry on the emergency rescue vehicle.

The nature walk, cancelled due to foul weather, was rescheduled for July 27 from 9 to 11:30 a.m.

The next meeting will take place Aug. 13 at the Paradise Youth Center.

Princess Promotes Milk

NEWARK, Del. — Holly Webb, Delaware State Dairy Princess, was promoting milk July 4 at West Park Place Center and Parkland Mills Road, Newark, Del. Milk is the official beverage of Delaware, and the old bottles shown with Holly illustrate how long milk has been a popular drink. The bottles are part of a collection owned by Paul Ayars.

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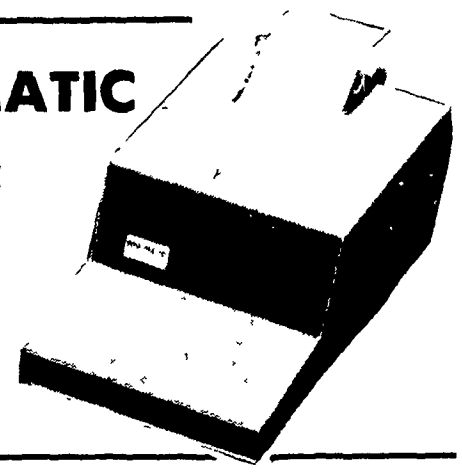

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Pa. Grocers to Gather in Lancaster

LANCASTER — "Communication and Technology: Keystones to Independent Success" is the theme for the Pennsylvania Grocers Association's 84th Annual Convention and Food Trade Exhibition which will take place at the America's Host Farm and Corral, Lancaster, Aug. 7-10.

Over 2,000 grocers, wholesalers, co-ops, suppliers and members of the grocery and allied trades are expected to view the more than 100 exhibits displaying new food and grocery products, computers and software, systems, supplies and services, and projecting new directions for the industry.

The featured guest at Sunday's exhibits will be Elaine Tait, internationally recognized award winning food writer for the Philadelphia Inquirer. Clifford L. Jones, president, Pennsylvania Chamber of Commerce, will deliver the keynote address at the president's dinner Sunday evening.

Sunday's Food Exposition starts off with the Pennsylvania agricultural commodity queens participating in the opening ceremonies at 1 p.m.

Communication starts early Monday with breakfast at 7:30 a.m., followed immediately by a half-day educational seminar, "Communication and the Workplace." An examination of perception and dependence upon one another as a basis for "Communicating Toward Increased Productivity" will be presented by Gilbert L. Whiteman, Ph.D. He is president of Interdependence Associates Inc.

There will be a brunch at 10 a.m. during which Elaine Tait will present the Pennsylvania Products Promotion Awards to member grocers for outstanding merchandising. Following brunch, the workshop continues until 1 p.m. when the Food Trade Exhibition re-opens.

"Microcomputer Applications for Independent Grocers," an informative update presented by William H. Lesser, Ph.D., Cornell University, and Vaughn D. Roller, Ph.D., Northeastern University, will begin at 9 a.m. Tuesday.

A portion of the morning will be devoted to a panel of grocers currently using computers who will relay their experiences. The panelists will be: Charles Wetzel; Wetzel's Market, Hanover; Sandy Insalaco, Insalacos Markets, Pittston; William Bracey, Bill's Market, Daleville; and Elmer Edwards, data processing manager, Affiliated Food Distributors, Inc., Scranton.

Tuesday's noon luncheon honors women in the Pennsylvania food industry, and those attending will hear Senator Noah Wenger, a member of the Pa. Senate Agriculture Committee and a member of the Consumer Affairs Committee. The Association will also present the fourth annual award to the Outstanding Woman in the Pennsylvania Food Industry. This year's recipient is Alletta Manbeck Schadler, County Extension director and Extension home economist in the Lebanon County Office of the Penn State Cooperative Extension Service.

A cocktail party and banquet are on schedule for Tuesday evening. The convention closes with an informal breakfast Wednesday morning.

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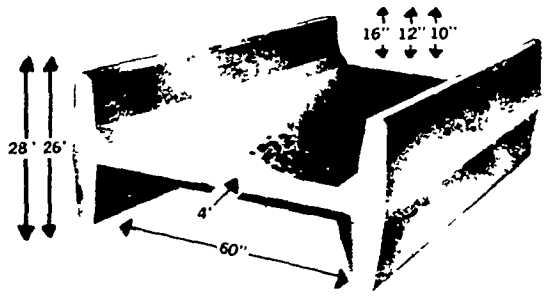

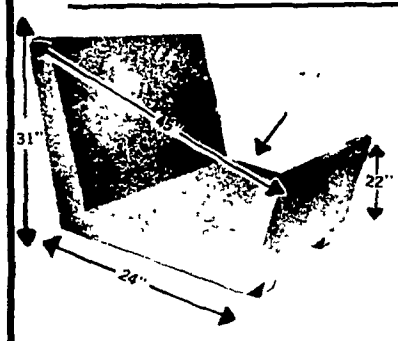

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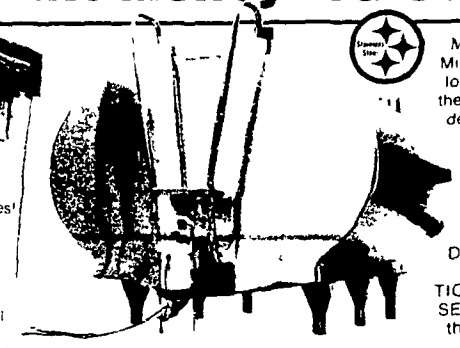

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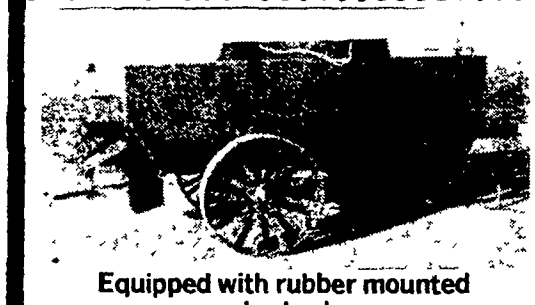

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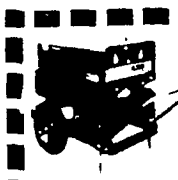

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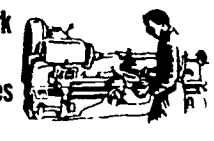

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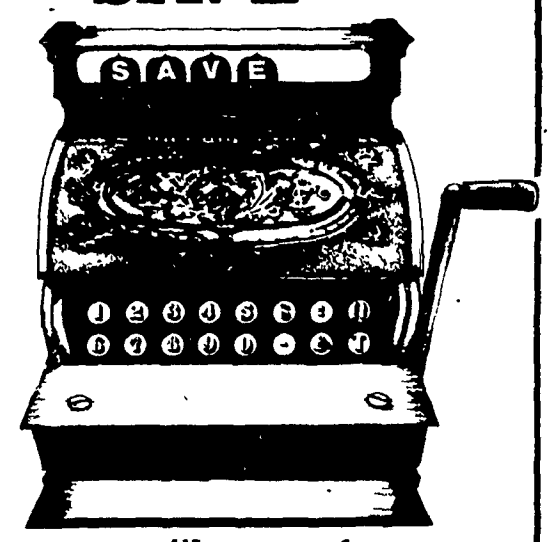

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4-H'ers Win Trips

WESTMINSTER, Md. — Seven 4-H members from Carroll County won trips to National 4-H Congress which will be held November 26-December 2 in Chicago. Selected were: (1 to r) Drew Frebertshauser, *achievement*; Melvin Arrington, dairy goats; Rodney Kuhns, forestry project; Misti Davis, health project; Wendy Bowersox, safety project; David Parrish, electric project; and Geanie Lockard, swine project. These 4-Hers will be part of a 35 member delegation representing Maryland at the annual Congress.

Whichway 4-H Club

The Whichway 4-H Club met recently for a club picnic at the home of member Dryon Fenoff.

Swimming and lots of food were enjoyed by all.

The members are getting ready for their round-up, which will take place in August.

New Member

UNIVERSITY PARK — Tom Swope, Ebensburg, has been selected as one of 24 council members of the 1984 Pennsylvania 4-H Leadership Congress. The selection was made at the end of this year's Congress on Penn State's University Park campus. He will work specifically with the Day Camp program.

As part of his responsibility, he will be returning to Penn State in early August to evaluate this year's Congress and to do initial planning for 1984.

Leadership Congress provides 4-H'ers with the opportunity to develop leadership skills and to discuss current youth concerns while having fun, making friends and seeing Penn State.

Spurs N Burrs 4-H Club

The annual swim party of the Spurs N Burrs 4-H Club took place recently at the home of Dr. and Mrs. Thomas Gaydos.

The afternoon was spent swimming and sunbathing around the pool. Hotdogs and hamburgers were served for dinner.

Lehigh 4-H Baby Beef Club

The Lehigh County 4-H Baby Beef Club met recently at the Fogelsville Berks, Lehigh Farm Credit Building to discuss the livestock picnic which will take place July 28 at Lenape Park.

Members are asked to bring a covered dish.

There will be no meeting in August due to the Kutztown Fair.

GETTYSBURG — Ed Wilkinson, president of the Adams County 4-H Senate, welcomes Myra Schwarzkopf, secretary of the Carroll County, Indiana 4-H Junior Leaders.

Ed is reviewing the 4-H Exchange schedule as 24 fellow Indiana 4-H members visit and are hosted by a comparable number of Adams County 4-H members. The week long 4-H exchange provides a multi-dimentional learning experience for 4-H members and their families.

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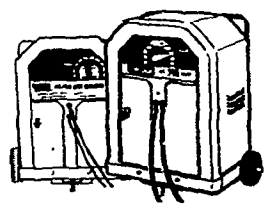

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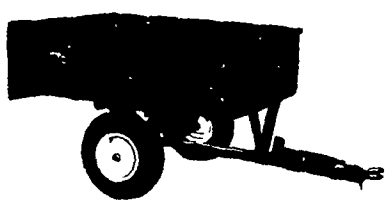

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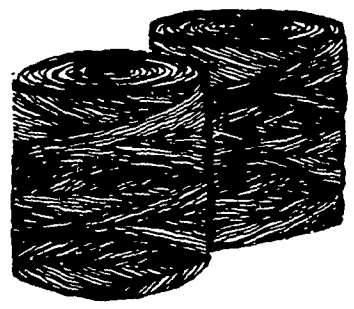

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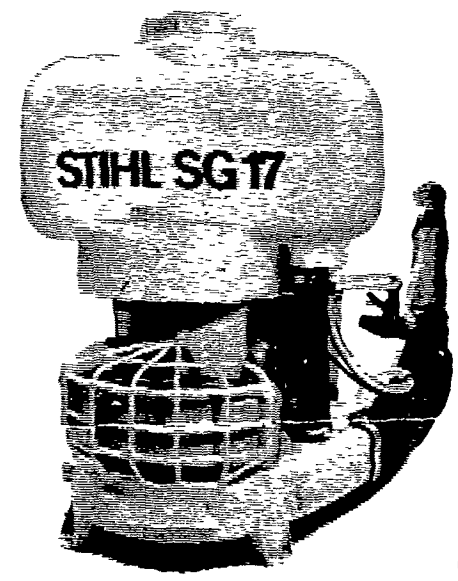

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Lebanon 4-H'ers Win Awards

CARLISLE — Lebanon County 4-H'ers took top awards at Regional 4-H Night held July 14 at Carlisle. The Capital Region includes Lebanon and seven surrounding counties.

Ann Grumbine, Avon-East Lebanon, and Damian Shiner, Myerstown 4-H Raiders, each received gold outstanding performance ribbons for their senior demonstrations. Ann competed in the home management category while Damian earned his award in the engineering category. Troy Funk, Norsolebco, received a blue ribbon for his camera demonstration.

Public speakers Larissa Smith and Dan Shiner, both of the Myerstown 4-H Raiders, earned blue ribbons for their 4-H speeches.

Receiving blue ribbon honors in their junior demonstration categories were: Carolyn Rabold, Spur and Bit, horse science; Beckie Grumbine, Avon-East, plant science; and Eric Funk and Jeff Wagner, (team) both of Norsolebco, wood science.

Foodarama judging contestants Natalie Wagner, Norsolebco, and Deb Bolles, Mt. Zion, placed first and second overall in their contest.

The Horse Bowl Team comprised of Rob Shindel and Jennifer Hartman, the Saddle Slappers, and Carla Ditzler, Equestrians, placed second in the region.

Regional Night is the regional step of 4-H competition in preparing youth for the State 4-H Achievement Days to be held at Penn State in early August.

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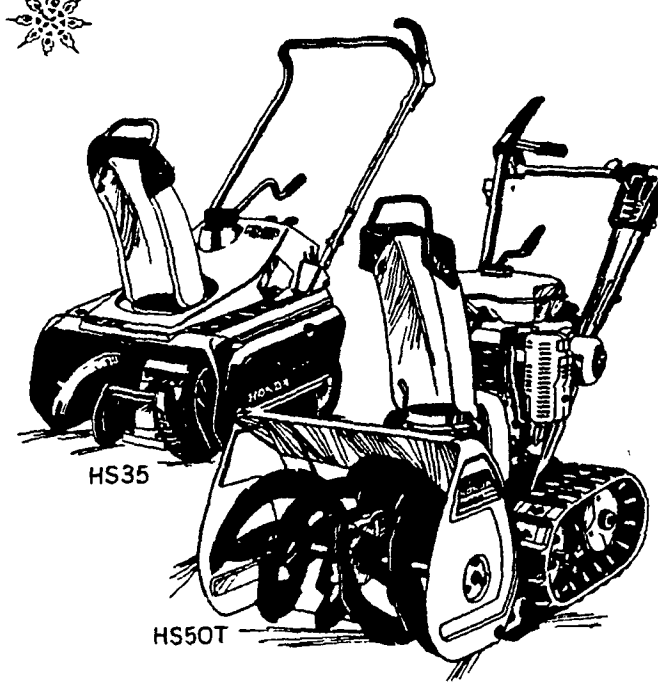

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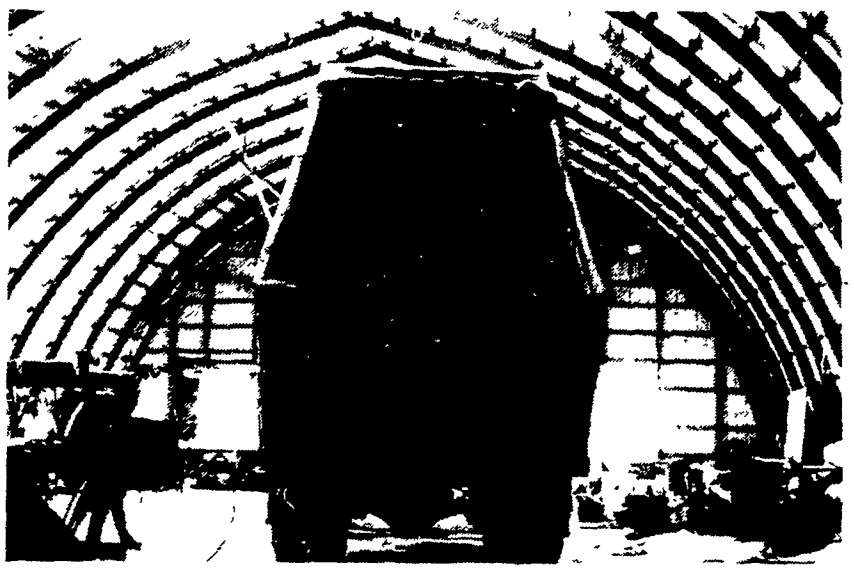

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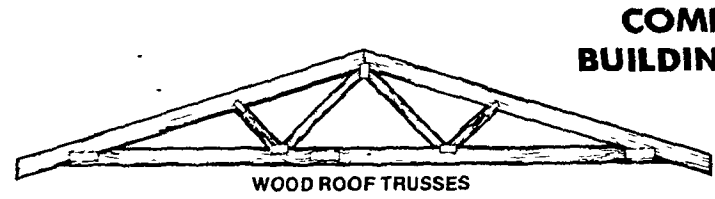

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MAILBOX MARKET

For Sale Hodaka 80 Motorcycle good cond $250 00 or best offer Montg Co , 215 584 4772

Wanted Old House Trailer towable & good roof Chester Co , 215 326-4640-8 p.m to 10 00 p m ask for Wayne

For Sale Complete irrigation system with 4000 ft 6 inch pipe Everette Habron, St Davids Church, Virginia, 703 459-3682

For Sale - Lumber wagon on steel wheels, new box and tongue horse drawn Call eves. after 6 p.m 607-589-6428

For Sale - 8-N ford tractor- $995.00 1010 JD Crawler Loader $2900 00 302-349 5650 Sussex Co , DE

For Sale - Reg Arabian Gelding (11 years), Grey, Trail Horse, Very Gentle $600 Franklin Co , /1/ 328-3866

For Sale - Hereford Bull 2½ yrs old Gentle, proven, Berks Co , 215 683 6858

For Sale Three yr old pure French Alpine buck Very gentle, Gaymor Amor lines Very Capable Berks Co , 215-944 7333 Stud service also

For Sale Used unassembled Pre FAB House (Bolts together) 5 bedrooms, 2 baths complete except foun dation $6500 Lackawanna Co , /1/ 563 2589

For Sale Cauliflower celery plants $30 thousand 05 plant Taking orders for sweet corn (717) 733-8562 or (717) /33 3438 Lanc Co

For Sale - JD 3010 gas 55 HP, PS, PB, 3PH $4150 Oliver 70 with 2 row cult $525 Perry Co , 717 567 9340

For Sale Int truck w/22 grain body, can be bought separate, 5/4 Int trailer & 3010 JD Berks Co , 215-/7/ 0052 or 7/5 0508

Notice For Rent Pocono Chalet, Lake Arrow head Sleeps 8, Washer&dryer, T V , Woodstove, sun deck, Near Lake and ski areas 215 532 93/2

Notice Banjo pickin contest Aug 6, 1983 Golden Eagle Tavern in Lancaster, at 2 00 P M Free to public 717 393 1550

For Sale 520 Oliver baler with bale thrower, Steel wheel Int hay rake Cumber Co , /1/ /76-3707

For Sale Two home raised hogs 48 cents a pound also nice hay alfalfa/orchard grass large bales $1.50 each /1/ 865 2504

For Sale Registered Appaloosa mare & six week old filly '717 354 8832 weeknights after 9 00 p m Lanc Co

Wanted The Bible Story by Arthur Maxwell Need Volume 3,4,6,7,8,9 or complete set Lanc Co , 215-445-6142

Wanted - Used lockformer for round pipe Lanc Co , 717 354-/613

For Sale 19/9 Chev diesel engine, runs good but needs starter J D A tractor with cultivators Luz Co., /1/-256 3452

For Sale JD 2640-960 hours, NH 892 harvester w/3 row narrow, 7' hay pickup, electric controls, Chester Co , 215 932 8999

For Sale Gentle Ap paloosa Mare 14 2 hands 10 + yrs old English/Western /1/ 442 9648 after 5 p m Lanc Co

For Sale Board fence, four oak boards high on locust posts, about 900 ft , Lanc Co 717 898 7849

Wanted Pair of steel wheels for Farmall M tractor David E Bontrager R D #2 Box 138 A, Dover Del Kent Co , 19901

For Sale Grade Holst heifers, $350 Topline dumping station, Jar and drier $325 Lanc Co , /1/-627-2189

Notice Yorkshire Service Boars Brucellosis and Pseudorabies free herd Will deliver Red Run Farm, R.D. #2 East Berlin, Pa 17316 717 292 4634

For Sale - 1963 Diamond-T 16' stake, 6-cyl 45,000 G.V W , 5T2, P S., 62,000 miles, clean Good grain or logger truck. (301)-329 6842.

For Sale Willspread cage layer manure on your fields, Northumberland Co , 717 758 9263

For Sale 4 oak college dorm beds with mattress 2 drawers under bed 215-932-2/// Chester Co

For Sale Rye seed for sale. Chester Co , 19363, Oxford, Pa 1 215 932-3352

Wanted - Unloader Auger for a MF Super 92 or 92 combine. Chester Co , 215 932-3352

For Sale Industrial Steel Band Saw in good con dition $125 00 Also Rye $4 50 a bushel your bags Lanc Co , 215 354 6183

For Sale Lawn Mowers Gravely 7 6 H 30 ' Mower, etc Dyna Mark 10 H2 36 Mower Chester Co . 215 869 2665

Wanted Saanen milking goat One that milks good 717 949 3590 Leb Co

Wanted 2 needles for a CASE 200 baler Franklin Co , 717 597 4494

For Sale 20 KW Gen set w/mower 115/230 volt 1 phase w/Wisconsin Eng air cooled /1/ /33 6618 Eves or weekend Lanc Co

For Sale 1966 Int 3 ton dump truck, runs good, new tires, 18 Van body w/roll-up rear door Adams co , 71/ 528 4281

For Sale Winco generator 2/00 watts, 1800 RPM ½ HP tuffy compressor Benuel S Lapp, Narvon, #1, Shirktown Rd , Pa 17555

Notice Free puppies, for sale, 2 yr old Belgian Colt, bay Stephen Fisher, Quarryville #3, Pa May Post Office Rd

For Sale New braking cart, on steel $450 /717 354 7938 Lanc Co

For Sale - 4 Springing Holstein heifers due, July Aug , Henry S Beiler, Box 83, R D #1, along 372, Christiana, Pa 17509

For Sale - Siberian Huskey puppies AKC registered 2 black & white males, silver & white female 150.00 Potter Co , 814 544 8879

For Sale 63 Mack 16 dump body 5' sides One reg standard bred, one buckskin quarter horse 717 529 2717 Lanc Co

For Sale Int 2 MH mounted cornpicker Very good cond., kept inside Priced reasonable 301 452 5057 eves Harford Co

Wanted - Brooder house or range shelter Jacob S Allgyer, R D. #2 Box 158, New Providence, Pa , 17560 Lanc. Co

Wanted Steel wheels for JD GP 215 34/ 2038

For Sale - Service age boars 1 Yorkshire, Yorkshire Hampshire cross, Landrace Yorkshire Hampshire cross Lanc Co , /1/ 656 9/64 Warren H Nolt

For Sale - To farm tractors 1256 Int $100 00 G 1000 Minneapolis $150 00 /1/-59/ 8486 between 9 10 p m

For Sale Birdsell Clover Huller #8, w #32 Recleaner, working condition David F Lapp, R D #2, Box 2/2 Myerstown, Pa 17067

For Sale Int 1700 truck, 6 cyl , 33,000 gross wt 16 ft dump grain box, good rubber Sullivan Co 717 924 3114

For Sale Cleaned Buckwheat suitable for seed, $12/cwt Lycoming Co /1/ 546 5/08 after 5 p m

Wanted Used, cheap narrow 3 row cornhead for JD 55 combine, any cond Warren Co NJ 201 852 1608

Wanted Wrought iron fence, 180' 1¼' galvanized pipe, force pump, Write Box 254, Route 2, Mt Pleasant Mills, Pa 17853

For Sale 4 serviceable age, well bred stock bulls Franklin Co 717-597 /593

For Sale Service age Holstein bulls, ABC sires, Franklin Co /1/ 532 5560

For Sale - 25 school desks, book storage under seat type $2 each Union Co No Sunday calls 717 922 1135

For Sale - Twin black lambs, male $40, female $50 Wanted Pull type 1 row corn picker Berks Co 215 987 3761

For Sale Worthington tractor, dual rear wheels, lawn tires, 4 antique Briggs & Stratton, cast iron, 1 cyl engines 215 /// 8664

For Sale Fly sprayer, kill those flies w/this Pow R Jet fogger Good shape $50 Lebanon Co /1/ 866 6804

For Sale 3 Holsteins 2 reg 1 grade Due 8 2, 8 11 & 8 28 Delivery avail Franklin Co /1/ 59/ 37/0 or 328 3530

For Sale Ear corn delivered local $100/ton Hume combine reel, make offer Hog feeder Carroll Co 301 /56 208/

For Sale 1 row cultivator for AC B tractor real good $/5 MH / semimount mower $50 York Co /1/ 235 2032

For Sale Jersey cow, due Aug 1 Fancy & easy milker, 2nd calf Lanc Co /1/ 354-6415

For Sale 12 pcs 20 long 4 pcs 1/' long used Channel galvanized roofing, no rust Lanc Co /1/ 354 8029

Wanted Manure fork for 1000 Mustang skid loader Lanc Co 215 445 7101

For Sale 2 grade ewes, each w/4 month old twin ewe lambs Lanc Co /17 653 5841

For Sale #60 MF com bine 10', real nice York Co /1/ 235 1985

Wanted 3 Row Head for 1880 N H Forage Har vester Old Style In New or Almost New Condition Lanc Co , 717 665 4239

For Sale Wheat straw 11/ Bales all or by the Bale $1 25 Muller 36 Power Trowel cement finisher Dauphin Co , /1/ 921 2810

For Sale Commercial Kelvinator ice cream freeze w/2 front sliding doors 82 gal commercial Rheem hot water heater Northumberland Co , /1/ /42 9217

For Sale AKC Collie puppies beautiful marked /17 374 4401, Snyder Co

For Sale 1975 Kawasaki 400 Motorcycle $400 Leb Co , 717 838 2640

For Sale - Nearly new galvanized tower angle, 2 ' thru 6 ' @ 15 cents/lb Also galvanized 5/8 ' and 3/4 ' bolts Franklin Co , /1/ 328 5520

For Sale Massey Ferguson 12 HP Garden Tractor with mower, Also 1450 Cub Cadet with mower 215 683 3154, Berks Co

For Sale SUPER DEAL! JD 435W cornhead for 95 or 105 combine Very cheap Washington Co , Md 301 739 2341

For Sale 12x60 Mobile home 2 BRS , possibility of 3 BRS Oil forced air heat $3,000 Shellsville, /17 469 0/42 Dauphin Co

For Sale Clay barn cleaner (counter clockwise), also large feed cart Susquehanna Co /1/ 222 4432

For Sale 2 and 3 yr old Percheron geldings Elmer D Stoltzfus, Mill Hall, RD 1, Box 278 A, Pa 17751

Wanted Lid for Bou matic milker bucket Also want parts for KBA disk 215 683 9596

For Sale 11 yr old quarter horse gelding, rides and drives, also horse drawn sleigh & buggy Berks Co 215 926 3243 or 215 926 2418

For Sale Oak roll top desk $1500, and York player piano $500 Columbia Co 717 356 /667

For Sale McCulloch chain saw like new $/5 00 2 reel type mowers $35 00 each Claw foot bath tub $30 00 Berks Co 215 682 2011

For Sale - Ford corn picker, two row mounted, complete unit $250 00 Or will sell parts Lanc Co (215) 286 9445

For Sale 6 Big Dutchman bd chain feeders, Coolair fans, & poultry equip Lanc Co /1/ 872 5237

For Sale Exhaust headers for 350 Chevy small block Only $20 00 Lanc Co /1/ 354 912/

For Sale New Holland 273 baler with #54A thrower, field ready Bedford Co 814 766 2/54

For Sale Hereford bull, service age, purebred, can be registered Call 301 635 2654 nights, Carroll County, Md

Wanted Troy-Bilt tiller in good cond Also used Maytag automatic washer, large tub /1/ /33-8390

For Sale 28 acres open land Union Twp , Berks Co $69,900 215 323 6820, 215 326 2289

For Sale JD 4400 gas combine, floating grain head, 1600 hrs new belts, straw spreader, good cond Mont Co 215 933 5216

For Sale Suffolk sheep, rams for breeding, ewe lambs Lanc Co /17 653 5016

For Sale Cat D 9 dozer Good undercarriage excellent cond $8500 After 4 p m Schuylkill Co 717 276-1542

Wanted Radiator for a 1000 Case series D front end loader, Perry Co 717 582 417/

For Sale Ferguson TO 20, 3 point hitch tractor & plow, 3 btm plow Dauphin Co 717 939 4213

For Sale Int McCormick self propelled combine 125 special, 10 head w/bin $300 Perry Co 717 789 3241

For Sale Ford 6 flail mower in good condition Cumberland Co 717 258 6682

For Sale Industrial table saw w/12 hp Wisc engine w/starter mounted on wheels E Kauffman, 53 N Ramona Rd , Myerstown, PA

For Sale 2 mod 'A' Fords for parts, rough, bodies bad, rusty, $800 for both Berks Co 215 578-4394

For Sale - Int #530 PTO, 145 bu. manure spreader in new cond Berks Co 215-488-/217

For Sale AC HD-5 crawler loader fair cond , new hydraulic hoses parts & operators manual $3200 Franklin Co /1/ 532-7341

Wanted By man on S S room & board, handy w/all trades Earl Williams, 1641 S Olden Ave , Trenton, N J 08610

For Sale C65 1974 366 5&2 9000 frt & 18500 rear, 10 x 20 rubber Hampshire Co , WV 304 496 7834 after 6 p m

For Sale ¼ 4 x 8 show window glass 10 x 10 shop door Jonas K Stoltzfus, RD1, Christiana Pa at Bartville

For Sale Oliver (64) grain drill has alfa seeder, fertilizer & grain very good $/75 JD crimper $95 /1/ 354 0266

For Sale Case haybine 550, good cond , $350 Lanc Co 717 786 1648

For Sale 125 bu. rye, will deliver Lanc Co 717 367 2015

For Sale 268 NH baler w/bale thrower, Cecil Co MD 301-658-58/1

For Sale Reg Cairn Terrier & registered Airdale puppies Also 2 beau Tenn walking horses Somerset Co 814 267-3809 or 814-445-/753

For Sale Small grain rye 4 95 bu Six hd feeder cattle 600 800 lbs 60 cents lb Lanc Co 215 445-4309

For Sale Lockwood potatoe harvester, Lebanon Co /1/ 949 307/

For Sale Reg Brown Swiss heifer bred, Dec 4, 82 big typey springing Lanc Co 717 653-4086

For Sale Reg Nubian goat bucks Pedigrees include nation s best milk & show stock For sale or stud Gettysburg 717 334 /993

For Sale Set of 6 green Saratoga horse feed tubs w/lip, also matching buckets & manure bucket Berks Co 717 933 5565

For Sale AKC Chesapeake Bay Retriever pups Cham pion blood lines $1/5 Northampton Co 215 588 3082

For Sale MF 205 self propelled combine 10 cut, cab, P S , & straw spreader, Luz Co /1/ 384 3591 at 9 p m

For Sale Bred heifers due between Aug & March From A I sires & some from 20,000 lb Berks Co 215 926 5312

For Sale Two 18 4 38 tires, tubes on JD rims $450 95% tread Wayne Co /1/ 448 238/

Wanted Clean Spring oats, straw Lanc Co 717-8/2 5663

For Sale Irrigation pump & water winch traveling irrigator 1000 of 4½ hose, used very little, Juniata Co 717 52/ 4974

For Sale Poultry building 33' x 300' 2 Beacon feed lines 250 , 40 Mono-Flo drinkers, 8 Brien gas brooders Sch Co /1/ 682 9416

For Sale AC 180 diesel W/WFE and 3 pt hitch, asking $4250 Lanc Co 717 786 1483

For Sale 1st cutting alfalfa haylage in upright silo Lanc Co 717 /86 /143

For Sale 69 acre farm, Mifflin Co , new 40 x 65 pole barn, 10 yr old bank barn, 8 room house /1/ 543-5749

For Sale NI 325 corn picker 8 roll husking bed like new, also bin wagon, 200 bu /1/ /76 /692

For Sale Cleaned Rye $5/bu /1/ 865-4931

For Sale Case loader backhoe, 530 diesel, excellent cond $6500 717 6/2 2021

For Sale Border Collie puppies, excellent dispositions, makes great childs pet, $25/each 717 933 4880 or 933 4385 Berks Co No Saturday calls

For Sale 3 yr old Standard bred trotter 16 hands, traffice safe & sound should make womans horse $1100 /1/ 354 7686

Wanted Sweet corn sprayer Call 215 666 6579, after 6 00 p m

For Sale Top Buggy with Hydraulic brakes good condition Lanc Co , 717 354 6929

For Sale 8 yr old black Tennessee walker gelding, gentle, rides & drives Lanc Co 215 267 4805

For Sale JD #894A hay rake 8½' rubber teeth $500 Border Collie pups $25 purebred Salem Co NJ 609 769 3717

For Sale 2 purebred Holstein bulls born Oct 82 ready for heifers $350 a piece Enos K Beiler, RD2, Strasburg, Pa

For Sale - 2 row pto drive potato digger, good cond , two horse wagon, Adams Co 717 528 8384

For Sale - 1150 Int grinder mixer, excel cond , 2 ton capacity Wash Co. 301 797 8006

Elevation dau due Aug 31 to Electra B 7-20-81 tapes 1300 lbs Also Gay son Chester Co 215-486-0460 eves.

Wanted Used 13 6 x 38 or 14 9 x 38 or 10 00 x 16 tractor tire Can use w/small break in sidewall, must be reasonable 717-253 5924

For Sale Fords, 1 dump, 31 ton 49 2 dr Pickups, 38 Chev , 54 Ford, 54 Chev Adams Co 717 528 4969

For Sale Four 2 beater 12 ton forage wagons 2 IH 2 Badger, excel cond Huntingdon Co 814 632 5/81 eves

For Sale Sorrel mule w/size exc worker w/snap $650 John S King, RD 1, Box 109, Gap, PA 1752/

For Sale JD baler mod 24 I, excel cond $1500 JD grain drill, mod Van Brunt FB Harford Co MD 301-452-8451

For Sale NI super sheller good cond $4500 Lackawanna Co 717 587 12/1

For Sale AKC Toy Poodles, 1 black, 1 silver $125 Border Collie puppies $25 Lycoming Co 717 458 5970

For Sale Large, firm, stake grown tomatoes, large bell peppers, whole sale, also cauliflower plants $25/thousand Lanc Co /1/ /33-2584

For Sale Top buggy fair cond good rubber $1100 Lanc Co 215 445 7136

For Sale 1978 9 truck camper, mini-self con tained sleeps 6, gas & elec refrig furnace & stove York Co /1/ 244 0695

For Sale 12 x 24 calf haven w/pit, can be converted for veal or pig nursery Lanc Co /1/ 62/ 1/24

Wanted Grill for Farmall Cub early model, all wire, also old NH baby wood saw, anvil Lanc Co 717 354 912/

For Sale Loader for on 440 Crawler, 58 saw blade w/replaceable teeth, 1955 jeep 4 wheel drive Perry Co /1/ 582 421/

For Sale NI manure spreader $300 Sears 3500 watt generator, $400 Fence charger $20 Split rail fence Berks Co 215 /7/ 1594

For Sale 1030 Comfort King Case diesel tractor & rollaway nests Amos S Lapp Jr , RD1, Box 332, Strasburg, Pa 17579

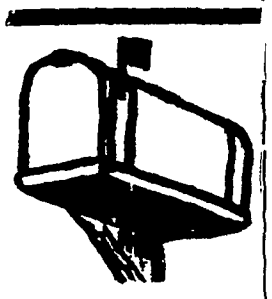
For Sale - Bunnies & Breeders Netherland Dwarf, Mini Lop, Chocolate Dutch Pet & show quality, purebred York Co /1/-244 8998

For Sale Service age bull, dam has 22960M in 390 days, a 2 yr old 365d 17200 3 47% 597 215 445-5725

For Sale - Used galv roofing, painted, Franklin Co 717 263-2393

For Sale 1970 Ford truck F750 long frame 391 engine bad give offer 6 3 pt flail mower Leb Co 717 866 2091

Wanted Safe gentle pony for children to ride & drive on road among traffic Ammon Martin Lanc Co 717 656 9503



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MAILBOX MARKET

For Sale 25 K.W pto generator, good cond $950. 215 267-2128

For Sale MH 82 combine 12 head working order $500 NI 319 mounted corn picker, $500 Berks Co 215 286 5434

Wanted Manifold for W G AC tractor York Co /1/ 266 1719 after 5

For Sale Semen, Kingway Elevation Very 10 units $20 each +104/ milk + 29% +82 Fat Semen always at Atlantic. /1/ 687 8893

For Sale Reg 5 yr old stud horse White mane & tail for sale or rent for work & service 717 656 9548

For Sale Massey self propelled corn picker, six cylinder, w/power steering ready for the field Lanc Co /1/ 733 8528

For Sale 14 ton feed bin w/2/7 ton sections, 2 clinton feeder engine Glick's Harness Shop, RD#1, Amish Road, Gap Pa

For Sale Metal corn crib, 13 wide x 14' high to roof Very good roof Must be moved 717 272-8270 or 2/3 0026

For Sale Reg Belgian Stallian $1000 Ervin Hoover, Denver #1 Pa 17517, 1 mi W of Bowmansville along Maplegrove Rd

Wanted Int 101 combine for parts or parts of one 215-445-6423

For Sale - 2 6' dia 20' long corrugated steel pipe $350 excel. for driveways Lanc Co 215 286-9797

For Sale - Holsteins, heifers due to freshen Aug & Sept grade & reg 215-593-5345

For Sale School desks $5 a set, 2,000 gal water supply tank. Daniel U Stoltzfus, Box 26 #4, Honey Brook.

For Sale - Int Loboy tractor w/F H plow, disc cult tiller, Matto mower, snow plow, scoop, sickle mower Chester Co 215 458-8106

For Sale John Deere 4430, excellent cond New tires, dual hyd Syncro range trans $12,500 York Co 717 229-2522

For Sale Hatches weekly of wild Turkeys & Bob-White quail Carbon Co /1/-386 4970

MAILBOX MARKET

For Sale 1961 C/O Chevy w/20' tiltbed & winch, 5 sp trans 2 sp rear, 30,000 GVW, 10x20 radial tires 717-647-2124

For Sale - Big Holstein heifer just fresh, sired by Creek Dam good milker Omar S Kauffman R#2, Honey Brook, Pa 19344

For Sale - Old cast iron cookstove, black cast iron, restaurant-sized Chester Co. 215 692 7583

For Sale 15 i H bay mare 10 yr old excel. trail horse safe & sound $750 Adams Co 717 359-5010

For Sale Kelly 500 front end loader w/hydraulic bucket, frame excel cond needs new bucket $375 Perry Co /1/ 589 3876

For Sale Barn cleaner for 70 cow barn hyd control, good cond $1000 Drinking cups $15 ea Cumberland Co 717 776 3098

For Sale 10x50 rib stone silo to be moved soon $500. Write Ben Stoltzfus, 222 S Kinzer Rd Paradise, Pa 17562

For Sale Steel silo 16x45 good cond Lanc Co /1/ 665 3905

For Sale Tobacco ladder wagon, double 24 long steel rails Lanc Co /1/ 665-3905

For Sale 15 sections irrigation pipe 20 long 2 diameter w/sprinklers, $1/ section /1/ 397 0035

For Sale - 24 x 70 Terre Hill silo complete $5000, 24 Badger ring drive unloaded, $5000 Lanc Co 215 267 7870 after 4 p m

Notice Attn gun collectors For Sale M 1 Garant mint cond original, no reproduction, $1000 Berks Co 215 926 4446

For Sale Or trade 2 yr Shropshire Ram, threw 2 sets triplets last season, must change bloodlines, Berks Co 215 488 7842

For Sale Feed chest 30' x 7 $25 Sliding barn door, hardware & track 7½' x 11 $90 Snow tires & rims Berks /1/ 933-5736

For Sale 35 Muscovy ducklings, Netherland Dwarf rabbits, also ap prox 4 lb fryer rabbits Lanc Co 717 733 8090 after 4 p m

For Sale 5 big Holstein Heifers, good quality, Benuel M Fisher, 3 mi south New Holland, Peters Rd Box 26

Wanted Big grain bin wagon w/heavy running gear For Sale small gravity bin wagon Lanc Co 717 738 2258

For Sale - 10x40 Martin silo, best offer, ideal for grain, storage, Lanc Co 717-354 0584

For Sale Holstein Heifer due Sept 24, also Grove 8 x 16' flat bed wagon 717 354-8207

For Sale - High moisture ear corn 50% of cob, pick up at farm, out of Harvestore Lanc Co 215-445-5105

Wanted Fox model 425 or 900 2 row chopper or 2 row head to fit. Irwin Nolt, Lanc Co /1/ 354 7267

For Sale AC G for parts Badger barn cleaner Lanc Co 215-445-6862

For Sale Snowcrown Cauliflower plants $18. a thousand Paul M Hoover, East Earl RD#1, Pa 17519, Black Creek Road

For Sale JD #34 harvester $400 or offer Rottweiler male pup $150 Wanted Int 550 or like harvester Lanc Co 215 445 6880

For Sale MF tool bar cultivator set $300 Clipper Hammermill $50 275 gal flat fuel tank $20 York Co 717 244-5130

For Sale Rottweiler pups AKC reg Marcus Zimmerman, College Ave off Main St in Terre Hill, Pa 17581

MAILBOX MARKET

For Sale Super C Farmall w/cultivators & plow, overhauled, new tires & paint $1795 Lanc Co /1/ 872-5263 Columbia Co /1/-672-2638

For Sale 4 yr. old Standardbred mare, well broke $650 Elam R Zimmerman, old Akron Rd off 272

For Sale 10x45 trailer fixed for raising small animals, rabbits etc electric, lights fan, auto water, feeders /1/ 464 273/ or /1/-284 4518.

For Sale 16 x 60 Fickes silo, complete torn down, also rye seed, 1½ tons of stove coal Lanc Co /1/ 653 4576

For Sale Fresh bred Guernsey family cows w/interstate health charts, hand crank pull rope endgate Adams Co /1/ 359-4383

For Sale Well broke driving mare 3 yrs reg Morgans weanlings, broke mare & geldings Gramarye Farm, Frederick Co 301 293 2693

For Sale Mulch hay make offer Sch Co 717 345-4489

For Sale 400 gal Hardi sprayer Wooden tank fair, pump excel $300/best offer Sch Co /1/-345 4498 after 9 p m

Notice Reinholds area for rent a 3 bay service station w/lift 814-274 7952 or /1/ 733 2114

For Sale Milk Porter Sputnick w/12V compressor Benjamin E Kauffman, Star Route Spring Glen, Pa 17978 Dauphin Co

MAILBOX MARKET

For Sale Reg Morgan mare, broke & sound, 8 yrs old, Daniel Glick, Windy Pore Road, Box 297, Bird In Hand, Pa 17505

For Sale - Reg. Hackney mare pony beautiful conformation Luke Z Martin, East Earl RD#1 Pa at Terre Hill Silo Co

For Sale Tandem axle dollie w/sliding 5th wheel for pulling dump trailers behind farm tractor Lanc Co 215-484 2233.

For Sale - Standard bred carriage horses Elam B Stoltzfus, 3068 Irishtown Rd. Ronks, Pa 17572

For Sale 1975 Ford 5000 diesel farm tractor dual power 16 speeds foward low hours Call between 7 9 p m 201-772-7626

For Sale AC C w/im plements, reg Irish Dexter bull, new bath tub & Coturnit quail Lanc. Co /1/ 786 1746

For Sale - 5 yr old standardbred carriage horse, broke good Lanc Co /1/ 354 5039

For Sale Goats, Kids, Yearlings, & older, $25/up Herd reduction, York Co /1/ 757-1960

For Sale Reg Suffolk yearling ram, proven twin Geo Bros breeding, Lanc Co 717 354-5939

For Sale MH #50 clipper combine w/Wisc motor & bin & new canvas, Wisc motor /1/ 235 5851 after 5 p m

For Sale Saddlebred carriage horse coming 5 yr old 17 hands David D Fisher, 261 Centerville Rd Gordonville, Pa 17529

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MAILBOX MARKET

For Sale - New 24 double tobacco ladders, Mountville, Lanc Co /1/ 285 3252.

For Sale New Rotec 1850 gal poly tank $850 Lanc. Co 717-653 5359.

For Sale Purebred Holstein bull, approx 1100 lbs $/25 Top buggy, in good cond on rubber $900 Lanc. Co 215-445-5420

Wanted A 30 gal water heater John K King, Strasburg #1, Pa 17579, Bunker Hill Rd

For Sale Seed rye /1/-367-6935 or /1/ 367 2090 Lanc Co

For Sale Fox 2 row wide corn head & Windrow pickup attach $250 ea Two Milk O-Meters $100/each Lanc Co /1/ 548-2877

For Sale Bright oat straw $1 25 a bale York Co Lewisberry area /1/ 766-6723

Wanted Service age boar. For Sale NI flail chopper & 13 disc JD grain drill Lanc Co /1/ 665 3865

For Sale - Farm type Cub w/42" centermount mower, $1900, cultivator & plow available 1st cutting hay, $1 Dauphin Co /1/-545 7005

For Sale Corn silage, Lanc Co /1/ 442 4316.

For Sale Brown yr old chickens $1/piece Samuel M Stoltzfus, #1 Box 350 Kirkwood Pa 17536

For Sale New NH 456 mower, 200 & 300 gal pressure tanks Amos K King, 3431B Scenic Rd Gordonville, Pa 17529

For Sale 2 AKC keeshound pups Aaron K Fisher, 141A Queen Rd Gordonville, Pa 17529 ½ mile south of Intercourse

For Sale Super D sp Fox harvester w/3 row narrow corn & forage head Lanc Co /1/ 872 2708

For Sale 35 Shoats, weight about 30 lbs Samuel S Kauffman, Christiana, R1, Pa Box 284 17509

Wanted 20 Stanchions in good cond Chester Co 215-383 4317 Jim Sisk, RD5, Box 25, Coatesville, Pa 19320

For Sale Reg Guernsey cow, 5 yrs old due in Sept Lanc Co /1/-529 2314

For Sale TD9 crawler w/Drott front end loader, runs good, $2800 Bucks Co 215 536 5877 after 5 p m

For Sale JD 95 self propelled combine 13 grain table, 1 owner $4800 Lanc Co /1/ 285 4821

Wanted - Responsible couple wish to rent dairy barn in Wrightsville, East York or surrounding area York Co /1/ 252 3794

TRUCKS & TRAILERS

For Sale - stock or hay trailer, 6'x13½', red bricks, 4'% pallets, drafting board, elec. lawn mower, table saw. Call 717-865-7068.

1979 Int. 1800, 404 engine 26,000 gross with tight grain bed. Heavy duty dump 5,400 mi. Adams County. 717-359-5953.

1969 GMC dump truck, 10 wheeler, 366 V8, 5+2, air brakes, PS. Cumb. Co. 717-776-7816.

1947 KB5 Int., original cond., good running cond., used regularly, restorable. 717-949-3439.

1971 Ford F800 aerial bucket truck, 45' working height, four out rigging, $8500. 1973 Dodge 1 ton dump truck, $2400. JD backhoe, $7500. All in good condition. Phone 215-367-5707. Berks Co.

1978 Chev. C30 cattle truck, 12 ft. Hostetter body, good condition, PS, PB, 4 speed, 350, V8. Cumb. Co. 717-776-7816.

TRUCKS & TRAILERS

For Sale - 1975 Dodge D800, 413 engine, air brakes, power steering 5 & 2 speed rear, 30,000 GVW, 18' flat bed w/16 ton hoist $5500. 717-677-8881 7 thru 10 evenings.

'77 hyd. ¾ ton Chev. pickup, ps, pb, 717-367-1389 till 4:30, after 5 717-367-5822.

42' tandem axle flat trailer, 4' sides and canvas, ready to haul grain, 215-286-0301.

For sale or trade for dairy cattle. 1975 Int. 2070 Tri-axle dump truck. 290 Cummins, 13 spd., 38 rears, 20" tires, 16' body. 717-278-2901 Evenings.

For Sale - 1966 International truck tractor and Low-Boy trailer, asking $5950, make offers, must sell, Cumerland Co., 717-766-4907.

For Sale - Bulk feed truck, 1974 Mack, 237 engine, triaxle, 6 speed jake brake, air conditioned, w/1 year old 20' 5 compartment Fontaine bulk feed body. 703-852-3588.

For Sale - Ford F350 1978 red short wheel base, good cond., $3450, 215-445-5725.

'82 Chevy Scotsdale C10, 6.2 diesel pickup, automatic overdrive, PS/PB, dual tanks, blue and silver, 300 miles w/factory warranty. 717-733-2873.

For Sale - 1970 Diamond Reo truck, flatbed, tandem axle, $3500. Hi lift Scoopmobile Cummings diesel engine, articulated steering, good rubber, $6000. Centre Co. 814-355-9018.

'82 Chevy C20, 6.2 diesel, 4 wheel drive pickup, 4 speed, PS/PB, dual tanks, radial tires, two-tone paint, $9200. 717-733-2873.

Gooseneck 16' grain trailer, dual tandem axle, hydraulic brakes, 717-235-2308.

1972 C90 Chevy tractor, w/238 Detroit, 13 speed, w/new Leader damp-line body w/L20FH. 1962 Ford cabover, C700 w/14' van body. Make offer. 215-926-2121.

'78 Ford Ranger XLT-S350 Super cab pick-up, 460 auto., ps, pb, towing package, dual tanks, sliding rear window, AM-FM stereo, 3800 miles, like new, $5800, 717-733-2873.

SAVE BIG BUCK$ ON OUR TRUCKS!

FORD F350 Diesel or Gas

ALWAYS IN STOCK
EBY ALUMINUM BODIES

Immediate Delivery

New Holland Ford
Route 23
New Holland, Pa
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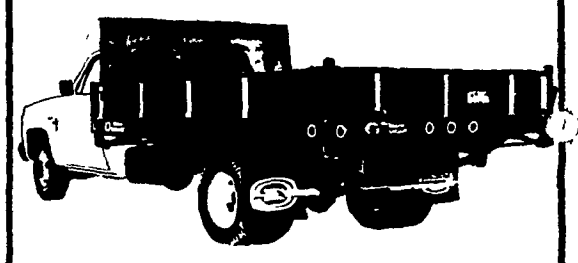
354-4901

Tri-Loader...

European-style Contractor Body



The European-style Tri-Loader body is an extremely versatile piece of equipment. It features 14" hinged sides which fold down or remove completely for loading from either side, a double-acting tailgate, hinged top and bottom for dumping and spreading operations with forward or rear controls, or both. Swaged (indented) 3-light cluster in rear outrail for better light protection and appearance. Heavy duty 40" or 52" steel bulkheads with full width mesh windows combine maximum protection and visibility. The rugged 96" wide platform offers maximum payload and is available in wood, smooth steel, treadplate steel or steel over wood flooring.

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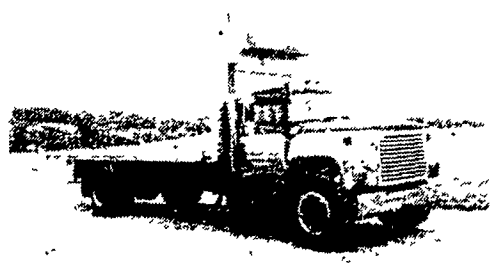
Omaha Standard



'76 IN 1850, 3208 Cat. recently overhauled, 5x2 trans., 22' aluminum flatbed with high bulkhead, 33,000 GVW.

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*4-1980 Colts, auto. and 4 speed Special price
*1979 Volari 2 door coupe, 6 auto; like new
*1982 TC3, 2 door, 1 owner
*2 - 1981 Omni, stick & automatic
*1981 B-350 Van, 9000 GVW

Special On New Trucks
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Elizabethtown, PA
PHONE: 717-367-1808

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1981 Ford F250 Custom, 300 6-Cyl., 3 Speed, PS, PB, 21,000 Miles $6995
1981 Chevy C10 Custom, 305 V8, Auto., PS, PB, AM Radio $6995
1981 GMC Sierra 305, V8, Auto., PS, PB, AM-FM, Chrome Rails, 2 Tone Red & White $7495
1981 Ford F100 Custom, 300 6-Cyl., 3 Spd. with Overdrive, PS, AM Radio $6995
1980 Chevy Blazer, 2 WD, 6 Cyl., Auto., PS, PB, Air Cond., AM-FM & tape, All Black, 29,000 Miles $7995
1980 Ford F100 Ranger XLT, Short Bed Step Side, 302 V8, Aufo., PS, PB, AM-FM Stereo, 2 Tone Paint $7495
1979 Datsun, 4 Cyl., 4 Speed, AM-FM, 30,000 Miles $4695
1979 Ford F150 Custom, 300 6 Cyl., Auto., PS, PB, AM Radio $5795
1979 Ford F100, 302 V8, Standard Shift, PS, PB $4995
1979 Plymouth Arrow Sport, 4 Cyl., Auto., AM-FM Aluminum Cap $4895
1978 Ford F350 Ranger Camper Special, 460 V8, Auto., PS, PB, Air Cond., AM-FM & Tape, Dual Tanks $7495
1978 Dodge D100 Short Bed, 6 Cyl., 4 Spd. Overdrive, AM-FM & Cassette $4295
1970 International 1/2 Ton, V8, 3 Spd., AM Radio $1095

SUBURBANS

1980 Suburban 4-Wheel-Drive ¾ Ton, 350 V8, Auto., PS, PB, AM Radio, Lockout Hubs $8495
1979 GMC Sierra Classic, 4 WD, 400 V8, Auto., PS, PB, Air Cond., Tilt Wheel, Cruise Control, 31 Gal. Tank, AM-FM & CB, 2-Tone Brown & White, 28,000 Miles $8995

VANS

1981 Ford 15 Pass. Super Van, 351 V8, Auto., PS, PB, Front & Rear Air Cond. & Heat, AM-FM Stereo, 32,000 Miles $10,500
1979 Dodge B200 Panel Van, 318 V8, Auto, PS, PB, AM Radio $5495
1972 Chevy Camper Van, with Pop Top, Stove, Refrig., Sink, Air Cond. $3495

4 WHEEL DRIVES

1980 Suburban ¾ Ton, 350 V8, Auto., PS, PB, AM Radio, Lockout Hubs $8495
1980 Chevy Scottsdale C10, 350 V8, Auto., PS, PB, Air Cond., Lockout Hubs, 2 Tone Red & Maroon $8495
1979 Chevy C20 Cheyenne, 350 V8, Auto., PS, PB, AM Radio, 2 Tone Green & White $6995
1979 Dodge Ram Charger, 318, V8, Auto., PS, PB $6995
1978 Ford F150 Ranger, 351 V8, AM-FM, PS, PB $5995
1978 Ford F250 Crew Cab, 351 V8, Auto., PS, PB, AM Radio, Lockout Hubs, Toneau Cover, 48,000 Miles $7995
1977 Ford F150, 360 V8, Auto., PS, PB, AM Radio $5995
1977 Jeep Wagoneer, 360 V8, Auto., PS, PB, One Owner, Only 40,000 Miles $4995

UTILITY BODY

1980 Chevy C30 with High Utility Body Covered, 350 V8, Auto., PS, PB, Air Cond., AM Radio, Dual Tanks, 40,000 Miles $8995
1980 Chevy C30, Dual Wheel, with Morreysville 10' Utility Body, 454 V8, 4 Spd., PS, PB, Dual Tanks, 10,000 GVW $8995

DUMP TRUCK

1975 Chevy C65 8 Ft. Dump, with commercial size plow, 427 V8, 5 Speed, 2 Speed Rear, 10x20 Tires, 28,000 GVW $8995

STAKE BODY

1978 F350 12' Stake, Dual Wheel, 10,000 GVW, 351 V8, 4 Speed, PS, PB, Rebuilt Motor, New Clutch & Pressure Plate $6995
1973 GMC 500 Stake Body, 350 V8, New Short Block, 4 Spds., PS, 18,500 GVW, 12' Body $3995

MOTOR HOME

1980 Winnebago Brave, 26' Motor Home, Loaded, 15,000 Miles....
$24,900

MIKE RHODES & CO.

"THE TRUCK PEOPLE"
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WE ARE NOW AUTHORIZED OLDSMOBILE DEALERS!

TRUCKS & TRAILERS

Wanted - Trucks and Storage trailers We also buy trucks for parts and truck parts, motors, trans. and rears. Gas or diesel Berks Co. 215-944-9871

5 ton army truck dump, tandem all wheel drive, 11.00x20 tires, 5 speed trans., hi-lo range, $4600, 609-769-3183.

For Sale - 10' wood livestock body. 20' Morgan van body. 20' van body. M.H. Eby, Inc., Blue Ball 717-354-4971.

For Sale - Used combine trailer, some with expandable sides to 12 ft and power tail gate at a fraction of a new cost. Will do some bordering if needbe. 814-623-9696.

For Sale - IH 2000D grain truck, 600 bu. cap. Air tag axle, 22 ton hoist, good cond., Warren Co., NJ 201-753-5313.

STORAGE TRAILERS - OFFICE TRAILERS FOR RENT. Economical, delivered. 301-771-4529.

1979 Int. 1854S model, 466 diesel, 5&2 spd., power steering, long wheel base; 1973 Int. 1800, 392, V-8, 5&2 spd., power steering, 1000x20 tires, 16' all steel flatbed dump with twin cylinder hoist. 301-877-9889.

1974 Ford F-350 cab and chassis, 4 spd., 400 CID engine, good running condition, $2500. 215-679-6726.

1970 40' open top van trailer, $2300. 717-299-3001

For Sale - 72 Ford F-600 Tk. LWB. C&C. Class 8. LIC. 330 cu., HD, Gas Eng., 5&2, $1995.00. 76 Dodge D-100 Pickup Tk. 318 cu., Gas, PS, PB, Class 1, LIC. $1895.00. Call 717-444-3793, Perry Co.

For Sale - GM 478 Diesel engine, Mack 675 engine 237 HP, Wanted - Ford 391 truck engine, 717-866-2091.

1971 Trailco 40' flat, spread with spring air 1976 Fruehauf 42' reefer with carrier unit. Lanc. co. 717-367-7028.

70 D600 Dodge, 76000 GVW, 8000 miles on rebuilt 351 V8, 5+2, 100-20 tires, 16' dump, 9' roof rack, $3800 or best offer. Lebanon Co. 717-865-2711.

Trailers for sale - '72 45x136 Brown smooth side van slider on 20; 2 '72 40x132 Frue. 1½" insulated overhead doors slider on 20; 6-40x126 and 13' Strick vans, 40' furniture van 8.25 tires, 2 35' flats, storage trailers for sale or rent, Keens, 717-626-5420.

1974 LN8000 Ford, w/225 Cat diesel, 5+2 transmission, PS, w/40' drop deck trailer, will separate. 717-265-9014.

1975 IH Loadstar 1600. 16' Wooden Cattle Body. 1 Owner, 50,000 Miles, Excellent Condition.
717-626-7509
717-627-1144

1974 IH CAB OVER 4070A, 13 SPEED TRANSMISSION, 318 DETROIT DIESEL, PS, SLIDING 5th WHEEL, GOOD RADIAL TIRES
215-286-9510

1953 Ford 6 14' stake body, 2 speed rear, needs some motor work, good for restoration $500
215-469-6325
evenings
Chester Co.

TRUCKS & TRAILERS

For sale - 1973 Loadmaster pole trailer, 1400 x 20 tires, extends to 60', good condition 609-893-8257

1973 1700 International truck w/24' steel bed, excellent equipment or hay truck, engine completely overhauled, $3500 Bradford Co. 717-364-5318.

1974 Ford LN8000 18' grain dump truck w/40" sides Juniata Co 717-527-2454.

For Sale - Field office trailer 24 ft. Marval tandem axle, 110/220 interior receptacles lights baseboard heating, air conditioned, wood paneling, exterior white aluminum. Excellent 717-238-3726 Dauphin Co.

REAL ESTATE

West Nottingham Township - Chester County, 54 acres, 27 tillable, 27 woods - Hayes Real Estate 215-932-3092, evenings 215-593-5628.

West of Buck - 80 acres - 75 tillable, bank barn, tobacco shed, 4 BR brick house, Hayes Real Estate 215-932-3092 - evenings 215-593-5628.

For Sale - 67 acre farm, midway Reading and Lebanon, PA. Large house barn, sheds, 1/3 acre pond, call for details, will help financing, private, 215-693-5624.

Approx. 40 acres good hunting land, bordering State Game Land, includes stone cabin, with pond, electric, telephone and water, Tioga Co. 717-673-5886.

192 acre modern poultry farm. 90,000 layer, 30,000 pullet capacity. Three bedroom home. Other buildings. Northcentral PA. Excellent hunting. 717-827-2561.

Central Virginia. Productive grass farm, 110 acres, new house, outbuildings, low taxes. $145,000 804-277-5875.

Perry County - 70 acres w/farm house, barn, hog pen, corn crib, pond, 2 springs, 2 wells and workshop. Reduced to $175,000. Call Agent E.K. Pace 717-582-8104, Stuard-Derrick Real Estate.

Sale. Hideaway? Horses? Part-Time Farming? Many possibilities. 40 acres encircled by stream. Stone house, circa 1830 tenant house, both in good condition. Barn. Nine miles from Lancaster. Zoned Rural.
Rent: House, barn, acreage. Southern Lancaster County, Write Box 366 D-64, c/o Lancaster Farming, Lititz, Pa. 17543.

Log cabin located in the mountains of Central Pennsylvania, excellent hunting and fishing available, located 3 miles northwest of Belleville, off Rt. 305 near Greenwood State Park. Two parcels of land included. One tract being of the dimensions of 75' x 101'. The other being 300' x 124'. Water available on property. Bids being accepted immediately. Mail bids and inquiry to Archie D. Stuck, 127 E. Main St., Belleville, PA 17004. Bids must be postmarked no later than Aug. 8, 1983. The owner reserves the right to reject any or all bids.

REAL ESTATE

95 acres, stucco house, bank barn, 24 yolk stanchions, heifer shed, implement shed, garage & workshop, Southern Chester County, Oxford area. Hayes Real Estate 215-932-3092, evenings 717-354-9534.

Western Chester County - 118 acres with old log house $229,000. Hayes Real Estate 215-932-3092, evenings 717-354-9534.

For Sale - 81 acres near Fairfield PA with large deposit of soap stone, woodland, good deer hunting and a trout stream, $90,000, 717-642-8777.

100 acres of mountain land, excellent hunting, borders stream, Fulton Co. $65,000. 717-264-4438 or 264-3559.

For Sale - Mini farmette in Sch. county, 5-8 acres, Holland stone rancher, orchard with fruit nut berry bushes, wood lot for wood supply. 717-345-4597.

Lebanon County versatile 158 acre farm, presently set up for 400 hogs and 48,000 chickens. Four bedroom brick home, 50x80 barn, 40x400 building fully automaticed (eggs), 100 acres tillable. $544,000. Brownstone Real Estate 717-533-6222, Jeanne Licata 717-838-4979.

Near Lancaster Chester County line 7 acres, 5 bedroom house and bank barn $74,900. Hayes Real Estate 215-932-3092, evenings 717-354-9534

ATTENTION HUNTERS!
Hunting land for sale. Excellent for deer, fox, crow, and raccoon, etc Hunting camp included Approx. 80 acres located in northern Schuylkill Co Access from US 80-81 Reason for selling-heavy wildlife damage. For details call 717-889-3622 after 7 PM.

For Sale by owner Bedford County, approx 174 acre farm, 160 acres tillable, level land, 2 silos, frame house, borders stream, $129,000.
62 acres of tillable farm land, fronting on macadem road, borders stream, $36,000.
3 bedroom ranch type brick home, approx 3 acres of land, $52,000
For information call 814-276-3272.

Farms for sale - 141 acre dairy farm, ranch house, cow barn, milk house, 965 gallon milk tank, 8 ton feed bin, asking $280,000.
40 acres, $90,000
91 acres, $212,000
160 acres, $348,000
Cooper Barroll Realty
Galena, MD 21635
301-648-5593

Beautiful 352 acre Cortland County New York dairy farm. Four bedroom ranch home, large bank barn, pipeline, attached facilities for heifers, and dry cows, 3 silos with unloaders, new dairy equipment, barn cleaners. Call for details or appointments. Owner 607-863-3993.

For Sale - 3 or 4 bedroom rancher, 2 bath, 2 car attached garage, 3½ acres, fenced pasture, 3 story barn, shed, pond, garden, 5 miles north of Hershey $79,900. 717-345-8079 no realtors.

SHEETZ REAL ESTATE
RAY N. WILEY INC.

323 W. Main St.
Mount Joy, PA
CALL 653-1481

FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

REAL ESTATE

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301-996-2022.

Farmette, 12.66 shares, for sale by owner. 717-259-9983.

50 acre farm for sale within Mennonite area. 25 acres in rye, rest could be farmed. Robert Hopkins, owner. Penn Yan, NY 315-536-8092 between 6-7 AM

Beef or horse farm, barn, slaughter house, approx. 20 acres pasture with stream, 45 tillable, beautiful ranch home, 3 bedrooms, 1 and ½ baths, full basement, 2 car garage, location South of Wellsboro, owner will partially finance 717-724-7466.

For Sale by owner - Beautiful remodeled 4 bedroom farm house, custom oak kitchen, wall to wall carpet, dining room, living room and TV room w/fireplace, large garage in basement, oil baseboard heat and wood stove, beautiful view on 8½ acres, outbuildings include 2 large poultry houses 30x120 two story that could be used for other purposes also, must see to appreciate, reduced for quick sale. 717-582-2352. 717-582-2358 Perry County.

3 acres of ground for sale, about ¼ mile from town limits. 302-284-9327.

67 Acre dairy farm. 3 Bdrm. house, 70+ tie stall barn, barn cleaner, bulk tank, etc. Presently operating; w/small herd and equip. or bare. 717-278-2901 Evenings. Susq. Co.

Beautiful landscaped 3¼ acres, well, septic, home 3 bedrooms, living room, kitchen, carport, garage, workshop, large storage building, secluded. $32,500. White Bridge Rd., Box 158, Mt. Hope, NY 10940.

28 acres with renovated brick house; four bedrooms, four fireplaces, 2½ baths, two car garage, horse barn with four stalls, tack room. All in excellent condition. Southern Chester County - Call Hayes Oxford, Inc. 215-932-3092 or evenings Jack at 717-354-9534.

We are desiring a dairy farm to rent in Franklin County. Phone 301-797-6460.

For Sale - one acre of land w/1977 12x60 Liberty mobile home on a 30x60 basement, 2½ miles outside of Middleburg, PA, in nice country location, $27,900. 717-837-2395.

FIRST CLASS FARM

Spectacular farm near Bedford, PA.; 265 acres; suitable for sheep ranch or horse farm or for selective harvest of hard woods. $275,000. No. A-4734. R.D.#5, Box 99, Bedford, PA 15522 or phone (814) 623-8594.

WEST REAL ESTATE AGENCY, INC.

REAL ESTATE

For rent - Dairy farm, 42 cow main barn w/pipeline, 22 cow auxiliary barn, excellent calf facilities, 130 acres tillable, mobile home, stock and equipment may be purchased. 717-933-8639.

REAL ESTATE

For Sale by owner - 49 acre dairy farm in Chester Co., Steeleville, 2½ story house and dairy barn, built in 1980, 37 stall, manure pit, Enos K. Miller, RD 1, Paradise, PA 17562, White Oak Road.

LANCASTER COUNTY FARMS

100 Acre Poultry & Dairy Farm, stone house **$450,000**

50 Acre general farm, frame house for 3 families **$235,000**

48 Acre Broiler & steer farm with grain bins, implement shed, heated work shop **$300,000**

DAUPHIN COUNTY FARM

139 Acres Turkey & Dairy Farm, 2 houses & 12'x60' Mobile Home **$477,000**

NEW YORK FARM

505 Acres grain and hog farm, 20'x80' Harvestore Silo, 2 sets of buildings **$440,000**

For more information on any of these farms call

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WIMPLE REALTORS... STATEWIDE FARMS

CENTRAL NEW YORK

"COMPARE THIS PRICE TO ANY"... 269 acres with 200+ tillable and lots of good bottom land Large stream Very good barn has 79 ties on 2" Boumatic pipeline, Patz hi-flite cleaner, (2) 16x40 Unadilla silos, 20x60 and 20x41 HMC Harvestore, 8000 lb bulk tanks 40x80 machine shed w/shop Hip roof 2nd barn, 29 lrg ties, new 16x50 silo, new milkhouse just being built Two fine homes, both 4 bedroom and newly remodeled $189,000 with 135 holsteins and top quality equipment available at fair market value Photo Brochure For appt call 518-762-8931 or WIMPLE'S SLOANSVILLE OFFICE 518-875-6355

SOUTHERN NEW YORK

"JUST OUTSIDE BINGHAMPTON"... good 262 acre family farm with 125 tillable and nice stand of woods Good concrete & wood barn has 47 ties on 4 unit pipeline, (2) 18x65 silos, 14x30 silo, 3 unloaders, (one new), NEW Patz cleaner, 800 gallon tank NEW compressor, 30x120 pole barn. Plus (2) 30x50 barns; one for heifers Home has 4 bedrooms, wood/oil heat $147,000 with $34,000 down Herd of 75 w/15,800 DHIA plus 3 tractors and all equipment available. JUST LISTED! For appt. call: 607-863-3993 or WIMPLE'S SLOANSVILLE OFFICE 518-875-6355 Many others

ST. LAWRENCE VALLEY

BOTH WANT QUICKEST SALES...

TOP SMALL FARM: 150 acres, mostly open land; gently rolling Barn has 45 stalls on 4 unit Surge pipeline, NEW cleaner, 16x42 Unadilla silo, 650 gallon tank, Good 4 bedroom home, combination heat. INCLUDES 40 Holstein milkers, 4WD plus 60 HP tractors, all equipment for $132,000 Owner wants out! JUST LISTED!

TOP LARGE FARM: If all the corn you see this year makes you sick, take a look at the bumper crop on this 597 acre farm with 520 tillable acres in 1 field 142-164 bu/acre HMC yields Beautiful alfalfa Free stall facilities for 165, dbl 5 parlor, 7 silos inlcude (3) 20x60 Harvestores Two fine homes, one a brick colonial If you have $100,000 to put down, ANY offers will be now considered by lawyer who MUST settle estate NOW! CALL WIMPLE'S GOUVERNEUR OFFICE 315-287-4163

FREE DAIRY CATALOGUES. WIMPLE REALTORS, SLOANSVILLE, N.Y. 12160

NORTHUMBERLAND COUNTY

★ 136 Acres, 65 Tillable
★ A Good Beef Barn
★ (2) Old Stave Silos
★ Many Other Buildings (Poor Cond.)
★ Between Pillow And Klingerstown

PRICE FOR QUICK SALE... All For $129,000!

RICH BRANDT REALTORS
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

REAL ESTATE

(233) Several parcels of mountain land located in Snyder Co. - Beautiful area, close to lakes, hunting areas & etc. Call Joseph E. Reinecke, Realtor 717-854-8912.

(229) Mountain Retreat - Beautiful mobile home located in picturesque Lycoming County. Furnished & ready for use. Call Joseph E. Reinecke, Realtor 717-854-8912.

REAL ESTATE

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

For Lease - outstanding 330 acre dairy farm in Southern Tier NYS. Harvestore and other silos, 70 cow barn and other buildings. 607-849-6097

FINGER LAKES — NEW YORK

150 day growing season

130A - 90 tillable, many outbuildings/ home $65,000

106A - Silo/30 stanchions - home, 3 acres apples/cherries..... $79,900

170A - General Farm - Excellent home/ inground pool..... $140,000

130A Land only adjoins above farm $800/A

175 Free Stall - 255 acres, 3 Harvestores, 2 homes $400,000

350 acres - 175 free stalls - Separate 40x170 heifer barn, 6 silos, 2 homes and 2 mobile #1 Soils

125A - Good Home ..... Make Offer!

1500 acres tillable (2 farms adjoining) ...70,000 bushel grain storage, 3 homes .... Price Pending!

80A - Showplace Farm ... Price Pending!

230 acres-50 tie stall, 2 homes . $230,000

We have all types of Farms!

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A.J. Farney Broker (Lifetime Farming)
Seneca Falls, N.Y.
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CENTRAL PENNA. FARMS

CUMBERLAND COUNTY

208 acre limestone dairy, 400 cow capacity w/double 8 parlor, 7 silos, modern house. Call Mr. Niesley.

100 acre dairy, milking parlor and free stalls for 70 cows, 3 silos, modern 2 story brick house. Call Mr. Niesley.

75 acre dairy, housing for 30 cows, tie stall setup, silo, modern frame house. Call Mr. Niesley.

HUNTINGTON COUNTY

170 acre hog, 24 farrowing pens, w/liquid manure, 2 story modern frame house, 2 springs. Call Mr. Crawford.

130 acre hog, 350 head finishing w/liquid manure, 2 story frame house, creek & smaller stream. Call Mr. Crawford.

JUNIATA COUNTY

118 acre dairy, 50 freestalls, liquid manure, 3 silos, modern 2 story log & frame house w/swimming pool. Call Mr. Crawford.

90 acre dairy, 60 freestalls, liquid manure, 2 silos, large implement shed, modern frame house. Call Mr. Benner.

60 acres of timerland. Call Mr. Benner.

PERRY COUNTY

76 acre general, modern 2 story brick house, bank barn, silo and other out buildings. (Blain area.) Call Mr. Bitting.

68 acres open land, no buildings. (Blain area.) Call Mr. Smith. (Price reduced).

JOHN B. NIESLEY REAL ESTATE

32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787

RICHARD B. CRAWFORD - 717-734-3673
CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177
CHARLES D. SMITH - 717-789-3125

REAL ESTATE

FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses. Write Dept. LF, WEST REAL ESTATE AGENCY, INC., 5528 William Flynn Highway, Gibsonia, PA 15044.

REAL ESTATE

Farm for sale - 253 acres-240 tillable, located in Path Valley, suitable for dairy or hog operation. 2 houses, large bank barn, large pole barn, new steel building other outbuildings, for information 717-349-2393, 717-349-7752.

FOR SALE

395 acre dairy farm in McKean County, Pennsylvania one mile from Port Allegany. 104 acres of crop ground. 40-cow dairy facility with additional dry cow and heifer barn bringing total capacity to 56 cows. Attractive 1224 square feet home. For price and further details, contact Rick Bowen at Headwaters Farm Credit Service, P.O. Box 508, Wellsboro, PA 16901; telephone 717-724-1961.

NEW YORK STATE FINGER LAKES FARMS

300 Acre Dairy, 90 on pipeline plus heifer barn, cleaner, tank, 2 silos, good 3 bedroom home, trailer $165,000. Owner Financing

275 acres, new barn for 45 plus 40x80 barn, 4 silos, 3 bedroom cape cod house and trailer. $265,000 operating.

160 acres near Auburn, large basement barn, very good 4 bedroom house, 4 bay garage can be used for business Anxious owner asking $165,000 Make offer.

260 acres, 80 on pipeline, cleaner, tank, 2 Madison silos, good house, tenant house and basement barn $355,000 Owner financing

1200 acres, excellent cash crop, good buildings $1,175,000

150 acres setup for beef or heifers, good 4 bedroom house, lake view $165,000

SAMPLES - Try Me!

Roy A. Tuttle, Broker
Box 38, King Ferry, NY 13081
315-364-8311

new pennsylvania realty, inc.

717-386-5000 Schuylkill Office

BERKS CO. BEEF FARM

131 Acres (m/l) with 24x72 concrete silo with top unloader and 72 ft. feeder in barn. Excellent stone home, plus several out-buildings. Nice setting North of Fleetwood ..... $285,000!

Call **CARL JOHNSON**
Farm Agent
215-367-6160

P.S. - I Need A Few Good Dairy Farms In Berks, Lebanon & Near-by Counties!

GETTYSBURG AREA FARMS

COMPLETELY MODERNIZED - 2-story brick home with all kitchen appliances and many other extras. Bank barn, equipment buildings, fenced pasture, and pond. A must to see. $155,000 (9126)

39 ACRE FARM - With 5 wooded acres, a pond, and a log home 110 years old with a frame addition, a barn and garage. Land offers excellent subdivision potential. $93,000 (9628)

66 ACRE FARM - With stream, 3 bedroom home, excellent outbuildings, 55 acres of tillable and and 7 acres wooded. $135,000 (9418)

MARSHALL L. MILLER, INC. REAL ESTATE
717-334-6283 or Outside of Adams Co. Call 1-800-443-2781, Ext. C-53

REAL ESTATE

REAL ESTATE

600 ACRE GRAIN FARM
New Castle Co., Del.

Approx. 430 acres tillable Matapeake & Sassafras soil 2 ponds; gravel pit; 3 mls road frontage; 2 dwellings farm bldgs; dairy facilities

$1900 per acre

ALEX FOUNTAIN REALTY
P.O. Box 135
Oxford, Md. 21654
(301) 822-2165

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29 ACRE FARM — 2½ Story 3 bedroom home w/den and family room New well & pressure system, barn has new metal siding. Southern slope great for truck crop farming Pond & meadow for cattle or horses Located in Rapho Twp along the E'town Rd. ML#65285

29 Acres Priced at.. $129,900.. OR ... You can have an 8 Acre Farmette with house & barn for $89,900 - ML #65286 Immediate Possession!

10 ACRE FARM - Large 2½ story farmhouse w/5 bedrooms located near Penryn in Penn Twp Property includes lots of out buildings, perfect for a truck farm, steer or hog farm, gentleman farmer or someone specializing in custom farm work. This excellent property has a super location on the corner of Penryn Rd & Oak Lane. ML #64596... $125,000

PENN REALTY, INC.
112 S. Main Street
Manheim, Pa. 17545
717-665-2401

No. 157-93 acres, $45,000. Retire easy in the country with this versatile acreage Make it a hay and grain farm or raise dairy heifers Has older Early American home with 8 rooms, 5 bedrooms, bath, oil furnace, 3 open porches, nice spacious setting on shaded lawn Garage, drive through dairy barn with 25 stanchions, 2 box stalls, milk house, poultry house, concrete silo, machine shed 93 acres; 47 tillable, used for corn and mixed hay, 46 acres native pasture, garden spot, barb wire fencing, well. 1500' creek frontage, spring fed brook flows through for 800', stock pond. Fronts state highway 1½ mi. to town, 22 mi. to Henderson Bay or Lake Ontario, in good recreation and hunting area. Retiring owner sells this outstanding opportunity for a low $45,000-$10,000 down, owner financing at 10% annual percentage rate.

No. 152-310 acre dairy farm on State Rts. 264 & 411, Theresa, NY 160 acres tillable, 150 woods and pasture, new 100' drilled well, 2 story century old, sandstone, 7 room, 4 bedroom and bath home with basement, wood furnace. Recently remodeled 36 tie stall drive through dairy barn, 3 yr old milk house with 500 gal bulk tank, grainery, 16x40' cement silo Located 1 mile from town, 20 mi from College City **Reduced price!** $62,000, $3,000 down, 30 year owner financing at 10% interest

CROSBY REALTY
RD 2 Box 46
Theresa, NY 13691
315-628-5598

S. NORTHUMBERLAND CO.
& SURROUNDING COUNTIES

60 acre farm, owner financing at 10% interest, lg. home, water or oil heat, bank barn, small orchard, $79,000. Call Peter.

Former 80 head free stall dairy-easily converted back, feed lot for 300 steers, 2 homes, (2) 20x50 and (1) 20x30 Harvestores, large shop, 100 acres, 70 tillable, $169,000. Additional 100 acres available. Call Peter

32 acre farmette, 25 tillable, remodeled 3 bedroom home, garage, chicken house, $45,000. Excellent terms. Call Peter

137 acres, new horse stable, butcher shop & machine shed, large bank barn set up for sheep, pasture w/pond, 60 tillable, $150,000. Call Peter

Bloomsburg Farm, 69 acres, 65 tillable, 3 bedroom home, $140,000. Owner financing. Call Peter

25 a., 12 tillable, 12 wooded, stream through, $30,000 owner financing. Call Peter

Plain acreage. Owner will finance with no money down. 130 a., 120 tillable, $165,000. 60 a., $69,000. 204 a., $240,000. 20 a., $30,000. 15 a., $20,000. Call Peter

Looking for another business? We have a restaurant that seats 500, grosses $800,000 per year. $859,000. Call Peter

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Ralph has country homes and taverns.

REAL ESTATE

REAL ESTATE

260 ACRE FARM

2 houses; 2 sets farm buildings (both have 2-floor bank barns; spring house; stream; valuable road frontage along 2 hard surface roads. Assessment records show 232 acres tillable; 20 acres pasture. Possession April 1, 1984. Near Greencastle, Pa.

AUSHERMAN BROS. REAL ESTATE
717-762-2179
Evenings 717-762-6329

Sturdy 10 room farm house on 125 acres in Anthony Twp. between Jersey Shore, PA and Williamsport, Pa. with excellent southern exposure, good balance of tillable fields, woodland and pasture, spring fed pond, house and barn needs some work, $100,000.

Contact:
PEGGY L' HEUREUX REAL ESTATE, INC.
4 East 3rd Street
Williamsport, PA 17701
Call 717-236-6541/Eves. 717-435-0158

SCHUYLKILL CO. FARM

23.5 acres w/2½ story home and outbuildings for pigs, 75'x80' cement slab plus 75'x16' building w/heated fountains. Horse stable, spring fed pond and pasture. Good value at $63,500.

Call KEY REALTY
717-385-4915 or
Agent A. Irving 717-385-3351

FOR SALE BY OWNER

360 acre dairy farm, 155 acres tillable, 95 tie stalls on pipeline, 1000 gallon bulk tank, heifer barn, attached machine shed, two 20x50 silos with unloaders, good 10 room house, 2 bedroom trailer, crops included, located in central New York, $135,000. Write to Lancaster Farming, P.O. Box 366 J-282, Lititz, PA 17543.

NEW LISTING

140,000 broiler operation, and 225 hog fattening facility. "Very good contract." Many other buildings on 58 acres. Near Willow Street.

137 acre - 50 cow dairy, 10 yr. old round roof barn, farm pond & very large, very nice stucco house.

100 acres with 60 freestalls, level limestone land, inground pool & completely remodeled house. Good owner financing.

173 acres overlooking Susquehanna River, in Southern York Co. Only $155,000 - good opportunity for farmette, etc.

93 acre general farm in Dauphin Co. w/2 story frame house, 3 car garage & bank barn.

24 acre very nice 2 story brick house w/2 baths & bank barn for beef.

37 acres w/6 yr. old one story frame house - stream in backyard on mostly mountain land.

33 acre farm w/2 story frame house & bank barn. Dauphin Co.

Farmette in Lancaster County - 4 yr. old brick rancher & beautiful horse barn on 1.3 acres.

FARM & HOME REAL ESTATE
Smoketown, PA
717-291-2270

Sylvester Baum, Carlisle, 717-776-3967
Harlan Keener, Willow Street, 717-464-2669
Mahlon Oberholtzer, Lancaster, 717-392-1177

Broker-J Irvin Denlinger
717-898-8962

REAL ESTATE

REAL ESTATE

Farm For Sale
100 acres prime land, near PA line, Cecil Co., MD beautiful Colonial home, used as dairy, suitable for beef or horse farm, owner financing.
301-658-5877

Farm For Sale
85 plus acres limestone soil with or without buildings.
Stoughtown Area
717-776-7542

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200 acre farm with 2 large barns, 2 sheds, 2 20x70 Harvestore silos, approx. 175 acres excellent tillable land, 2 large ponds, creek and artisian spring. Large modern 13 room house, all buildings in excell. shape, must be seen to be appreciated, owner has additional 100 acres tillable land which can be bought.
717-374-8178

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192 acre (150 tillable) gentleman farmer's farm, 9 room brick farm house, completely restored outbuildings in excellent condition Madison Twp., Columbia Co

68 acre (59 tillable) farm Mifflin Twp., Columbia Co Equipment included, house remodeled plus mobile home. Listed at $110,000

143 acre (120 tillable) farm Madison Twp., Columbia Co. No house or farm buildings, good road frontage, can be subdivided, price reduced to $110,000

Call office for details.
Lutz Agency
717-784-2223

FARMS FOR SALE
Western New York
- Three adjoining properties -
340 acres total with up to three homes.

(1) Farm 1 has 210 acres of gravel land, (60 acres in woodland) with several gravel banks, a two-story 30x60 barn and a well maintained four bedroom home. $99,000.

(2) Farm 2 is 130 acres with 15 acres in wood, Two-story barn, and five bedroom & shed. $88,000.

(3) Third three bedroom residence available if needed for $32,000.

- Suitable for horses or beef -

OWNER TERMS AVAILABLE
Century 21
The Lane Agency
Bath, New York
(607) 776-7682

For sale by owner, 23 acre farmette, 13 miles from State college, near Centre Hall on Rt. 144. House remodeled, two rental apts., large master apt. with sunken living room, fireplace. Bilevel shop with grease pit & bridge crane, barn, orchards, business potentials, $153,000. Additional 39 acres with water optional. (814) 364-1861.
W.H. Tucker RD 1 Box 71,
Spring Mills, Pa. 16875

REAL ESTATE

(232) Mountain acreage-Clinton Co. 10 Acres. View, private entrance. Call Joseph E. Reinecke, Realtor 717-854-8912.

(220) Sawmill Business-Inventory, 3 acre lot, eqpt. Call for details. Call Joseph E. Reinecke, Realtor 717-854-8912.

(205) 60+ Acres, woodland. Call Joseph E. Reinecke, Realtor 717-854-8912.

(221) 1/2 to 1 Acre lots-Delta RD#2 area. Call Joseph E. Reinecke, Realtor 717-854-8912.

(227) Sporting Goods Business- One of York Countys finest, Inventory at wholesale cost. Call for details. Call Joseph E. Reinecke, Realtor 717-854-8912.

(223) 21+ Acre lot - Some road frontage. Possibility of sub-division. Nearly level. Call Joseph E. Reinecke, Realtor 717-854-8912.

(225) Huntington Co. - Beautiful secluded 17+ acres with mobile home. Priced to sell. Call Joseph E. Reinecke, Realtor 717-854-8912.

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157 acre dairy farm, 7 mi. northwest of Chambersburg, $170,000

105 acre general farm in Penns Valley, unusually nice home, $150,000

100 acres open land near Gettysburg, $140,000.

VanCleve Real Estate
Phone: 717-392-3032
anytime

Farm For Sale
Northeastern Berks County.
55 acres.
Profitable layer house.
2 bedroom mobile home.
Priced to sell.
215-562-7776

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221 ACRE FARM

2" stainless steel pipeline, tank, 3 silos, overlooking Seneca Lake. Price reduced for quick sale.

Owner financing.

607-243-8669

CATALOG OF FARMS
Free Catalog #56
List 100's of Dairies, Farms, Businesses and Recreational Property.
FREE - Call or Write Today!
AMERICAN FARM DIGEST
3546 WATSON RD.
ST. LOUIS, MO. 63139
1-800-325-9943

HARRISVILLE NEW YORK

191 acres, $38,500, mostly beautiful woods, 4 acre lake, old 4 bedroom home presently rented, 500' hard road frontage $12,000 down, balance at 11% over 10 years, monthly payment will be $365 05 Write to Roy E Prescott 2 Creek Side Lane, Camp Hill, PA 17011 or call 717-766 5557 or 717-737-9460

REAL ESTATE

SEVERAL GOOD DAIRY, CROP, HOG farms. Also many exceptional Country Homes; a beautiful Log Cabin - 5% mtg.; 150 acre farm ½ tillable, good barn and home. This farm a bargain $65,000.

JOHN H. REOHR, Broker
Call Collect:
Office (315) 253-3813
Home 252-1046

DIAL FOR DEIBERT 425-3313

LOWER NORTHUMBERLAND COUNTY

80 ACRE FARM

approx. 60 Acres Tillable Frontage on State & Twp. Roads Small Stream. 8-Room Frame Dwelling Stocker Heat, Bath Drilled Well & Spring Water Bank-type barn $110,000.

GEORGE DEIBERT
Broker 717-425-3313

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REAL ESTATE * ANTIQUES * HOUSEHOLD *
SATURDAY, AUGUST 6
10:00 A.M.
Liberty, Pa. Old Rt. 15
Selling Antiques and Household Items of *Eva May* Smith and the late Robert Smith
Most items 60 to 75 years old.
REAL ESTATE offered at 2 00 P M $10,000 00 Minimum Bid (This is 60% of appraised Value) Terms 10% down day of sale +- Balance in 30 days For information call evenings (717) 324-6821
Auctioneers Ron Mase (717) 324-6781
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64 STANCHION DAIRY FARM

284 acres, 160 acres tillable, level for farming, 90 acres woods, 24x70 silo, 2 Agway machine sheds, large shed 120x 36', 1,000 gal. bulk tank, nice house, $295,000

NITTANY VALLEY AMISH AREA

112 acres general farm, limestone, 60 acres farmed, more can be farmed, 28 acres pasture, owner financing, $165,000

WHITE DEER AMISH AREA

Dairy farm - 213 acres 130 acres tillable, balance pasture and woodland, 62 stanchions, space for 65 more, 133 freestalls, space for 300 head cattle, market store, ideal for 2 farmers, silos - 20x60', 21x60', 20x70' machinery sheds - 40x100', 25x65', 4 in all, for stock and equipment, inventory is taken

Donald R. Witwer,
Broker
Ephrata, PA
717-738-1458

REAL ESTATE

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Exclusive Listings throughout Central PA

- 23 Operating Farms - Blair, Centre, Clinton, Huntingdon, Lycoming, Northumberland, Mifflin Counties.
- 10 Farmettes - Centre, Clinton & Huntingdon Counties.
- 25 Rural Land & Cabin Listings.

Please call or write for free detailed lists. See July 16 issues and August 13 issues for complete inventory.

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At Ag Progress Days

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KISSINGER LEONARD & ASSOCIATES Realtors

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DAIRYMAN'S SWEETHEART

or country gentleman's estate. Either way, a dream fulfilled with exquisite view of the Mohawk Valley from your beautiful 4 bedroom Colonial home. Modern kitchen boasts Amish crafted cherry cabinetry. Fantastic setting with 4 ponds, evergreens, and shade trees surrounding excellent 45 cow barn, machine shed, 4 bay garage. Area's finest soils on 139 acres. Nearly all tillable, producing tremendous alfalfa and corn yields. 44 Milkers and big line up of show room condition equipment. $225,000 with $80,000 down. Retiring owner hold balance at 10% for top candidate only.

Farm and Rural Property Specialists
Homestead Realty
Auriesville Road RD 1
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518-922-6301

NORTHCENTRAL PA. FARMS & INVESTMENTS
Priced To Sell — Priced To Sell

NY/PA BORDER DAIRY FARM

48 stanchion barn w/drive in addition for storage, shop & extra heifer stalls, 5 ton feed bin, 180± acres, farm w/mostly level fields, approx. 160 tillable, 4 Bdrm farm house, also 2 improved trailer sites w/hookups, existing FHA loan, just $82,500 M-518 PH: 717-662-2138

HOUSE OR CAMP

2 sty, frame house on 12 acres, 2 or 3 bdrm 1½ baths, large eat in kitchen, laundry rm., DR, LR, large master bdrm. w/picture window, newly remodeled, roof, siding & windows W-749 Priced at $36,000 PH: 717-724-5921

BEEF OR HORSE FARM

38 acres w/in 3 miles from Wellsboro. Nice large country home w/modern kitchen, lvgrm w/stone fireplace, family room, office or den, 5 bdrms, 2 baths. Condition of all bldgs good, lots of remodeling has been done. Has large bank barn & garage. Up to 40 additional acres available. Priced at $79,500 W-697 PH: 717-724-5921

72 COW DAIRY FARM

50 tie stalls, 1 pipeline w/22 ready to hook on, additional 20 heifer stalls, 20x60 and 16x50 silos w/unloaders, approx. 188 acres, all but 40 tillable or pasture, pole barn & shop/machinery shed, totally remodeled 5 Bdrm. home, existing FHA 5% loan for $95,000. Price at $179,500 M-532 PH: 717-662-2138.

THE Real Estaters

Offices: Area Code - 717
Tioga, Potter & Bradford Counties call or write
WELLSBORO, 120 East Ave 724-5921
MANSFIELD, RD 1, Box 41 662-2138
TOWANDA, Bridge St 265-3171

OUR #1 AIM IS SERVICE

REAL ESTATE

Farm For Sale By Owner
Franklin Twp., Lycoming Co.

155 acres, 80 acres tillable, 30 acres pasture, ideal for Christmas tree planting, 45 acres woodland, prime deer hunting with access road and cleared area ideal for hunting club. Double bank barn with 2 silos, lg. wagon shed, almost new 2 car garage with sink and water, wood cookstove and shop area. 2 story house with hot water heat and wood furnace.

717-584-3805
301-987-0525

---

30 acres in Paradise Township. Set up as a hog farrowing operation with a 2 story frame home and garage plus the farrowing house **Reduced $145,000**

15 acres at Cambridge. Level land, all open, 10 year old 2 story 3 bedroom modern home and 30'x50' block barn with 10 horse stalls. **$160,000.00**

14 acres in southern Lancaster Co. 150 year old 2½ story unimproved frame home, small barn and 24'x28' ranch home. All open good cropland. **$84,000.00**

5.25 acres in Paradise Township. Beautiful custom built brick 1½ story home and horse barn and training ring. Home has fireplace, wo stove hook-up, formal diningroo ns, eat-in kitchen, basemen area, hardwood floors, porch, family room in basement, foyer with cathedral ceiling, nicely landscaped and partly wooded. **$105,000.00**

SOLD

ROBERT T. COATES REALTOR
Gap, Pa.
442-4132 or 291-1542

REED/NAUMAN REALTORS®

RELO

50 ACRES

of high yielding land (200 bu. of corn per acre) in southern Dauphin Co. is the setting for this beef and tobacco operation. Large barn set up for beef and veal with connected tobacco barn ready to go. 2 story frame farm house. Very nice. See this one today! ML#65515

37 ACRES

Heat your home with wood in this nice country setting. Extra large kitchen and lovely family room make this farm a great choice. 8 acres of pasture and 5 acres of woods make this place great for horses or steers. Located in Northern Lancaster County. ML#65784

MODERN DAIRY OPERATION

in southern Dauphin Co. w/free stall barn for 100 cows, 50 stall milking barn w/new pipeline and 9 milking units, 1500 gal. milk tank. 2 large Harvestore silos and one 22'x80' concrete silo. Large brick farm house w/new kitchen, 4 bedrms, 2½ baths - all completely remodeled. Buildings set in the middle of 100 acres of high yielding level land. Liberal financing and negotiable possession. ML#65520

FARM HOUSE W/ ACREAGE

15 min. South of Lanc. Live off Mother Nature, raise our own beef, keep a few horses. Absolutely charming setting off the beaten path, old 4 bedrm farm house w/modern kitchen. Has a bank barn & tobacco shed. Make offer, owner moved. 70's ML#64477

343 WEST ROSEVILLE ROAD LANCASTER, PA 17601 **569-8245**

REAL ESTATE

FARM AVAILABLE NOW

120 acres, 20 mile from Carlisle, nice level fields, several ponds and stream for irrigating, large bank barn and house with all improvements, large mobile home on property, owner will offer financing. Call 717-249-1165 after 5 PM

SELLING YOUR FARM?

SANFORD G. LEAMAN
ASSOC. BROKER and AUCTIONEER

AUCTION OR BROKERAGE?

It is your option when you call us. We will explain both plans and then you choose. *No obligation.*

NEW LISTING

PERRY COUNTY
Amish area, 57 acres, with barn, no residence, 40 ac tillable, 14 ac woodland, balance in pasture priced for quick sale at $81,900

YORK COUNTY
53 ac. plus general farm Ideal for horses, sheep, steers Barn, outbuildings, implement shed and beautifully restored 2½ story Colonial farm home Approx 45 min from Baltimore Ideal for gentleman farmer or operating farm There is a lg pond, road frontage Priced right for quick possession

PERRY COUNTY
200 acre steer & hog farm 2½ story brick home, 4 bedrooms Stave silo, woodland, pasture, springs, in high state of cultivation Priced at $1325 per acre

NORTHUMBERLAND COUNTY
Amish farm, 83 acres, 80 tillable, 2 houses, harness shop, dairy barn, silo & milk house. Priced under $170,000 Fall possession or spring of '84. In high state of cultivation

Adjoining neighboring farm with 2 lg. silos, brick house and dairy barn, 42 acres for less than $135,000

LANCASTER COUNTY
114 acre modern dairy w/12 unit milking parlor, 2 large Harvestores and 2 large cement stave silos all w/unloaders, room for 180 cows or more in the modern freestall barns, large Harvestore Slurry and 1500 gallon bulk milk tank See it today, w/possession to suit your schedule Lots of road frontage, large pond and modern ranch house Priced just over $3,800 per acre

ADAMS COUNTY
75 acre modern dairy farm, 20x70 stave silo w/unloader, 6 bedroom modern stone home, 50 stall barn, pipeline, over 1 mi. road frontage, $240,000

DAUPHIN COUNTY
36,000 broiler plus hog farrowing operation on 54 acres. Ideal for steers, horses Sits nice and owners could help finance to the right party. Reduced - no reasonable offer refused!

MONTGOMERY COUNTY
50 acres prime development land with modern 1½ story, 5 bedroom stone home. Close to industry, shopping and within 5 mi of two country clubs.

LEBANON COUNTY
107 acre dairy and hog or could be a steer set-up - your choice on a very productive farm. You have the opportunity of restoring an early log home or modernize it. The location is ideal and there is great potential. Call for price and financing details.

CUMBERLAND COUNTY
75 acre modern dairy with silo and unloader, barn cleaner, pipeline and implement shed, lg. modern dwelling, limestone soil in high state of cultivation. Buy this one and get a 3 yr. rental with first right of refusal on another farm that would give you a total of 135+ acres Drastic price reduction Call for new pricing and terms. Owner is seriously ready for sale.

If you are thinking of buying or selling a farm or farmland call Sandy today. He will be glad to serve you in any county.

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CHECK THESE OPPORTUNITIES

Lancaster Co., 18 acres including 3 acres of woods, fruit trees, grapes, etc. plus 24' x 40' storage fruit building, $61,200.

Lancaster Co., 11 acres, horse farm, beautiful 2 story home that you will appreciate, recently reduced to $74,500.

Snyder Co., 3½ acres, rancher, fireplace, large garage, w/heated green house and organic garden, over 200 young trees, $40,500.

York Co., 10 acres, nearly remodeled stone home, must see to appreciate, beautiful countryside, $79,900.

Jacks Mountain 189 wooded acres, 1300' frontage on Penns Creek, adjoining Bald Eagle State Forest, canoeing, hunting & fishing, rhododendrons 10' high, partly subdivided, priced just over $450 per acre.

Sheep? Need an interested buyer w/a small flock to clean up this 15 acre meadow. It will surprise you. Want $36,500, will buy. Includes a spring, stream, 6 room 2 story home w/a 2 car garage, nice view in Snyder Co.

York Co. 51 acres, 40 tillable plus meadow, woods, pond, quiet setting, good buildings, near Norman Wood Bridge, $142,500.

140 acres north of Thompsontown, Juniata Co. Very nice ready to move in condition, 2 baths, 7 rm. farm home, pleasant surroundings, gravity fed spring to the buildings, outdated dairy barn, frontage, Mennonite schools & church in area, $165,000.

100 Acre Farm - $125,000. Produce farm just off Rts. 11 & 15. Fertile soil. Pleasant, quiet setting. Spring, some woods, view of the river, Colonial brick home, lg. barn w/milk house, plus 5 other bldgs. Could be a showplace. Located in the Juniata-Perry Co. area.

LARGER FARMS

Near the Buck, 79 acres, 30 tillable, remaining in mature woods, priced at $2400 per acre.

Limestone Lancaster Co. farm worthy of your attention, fall possession, steer, hog and veal operation, tobacco sheds also included. Very good buildings, excell. large colonial brick home. A fertile farm at $4300/acre.

York Co., 135 acres, top corn yields and nice stone home, $298,900

York Co., 51 acres, quiet setting, near Norman Wood Bridge, $142,500.

CALL FOR DETAILS

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Ephrata 717-733-3344
REALTOR

Lovely 96 acre crop/beef farm in Snyder Co., good 4 bedroom home, barn and stream with woodlot. Owner will help finance the sale at 10%. #276

Mifflin County's finest - beef/dairy farm. 230 acres, Class I and II soils, extensive farm buildings, 11 room farmhouse plus a 3 bedroom modular home and mobile home for farm help. Productivity, comfort and automation - its all here! 10% owner financing too! #242

112 acres farm land, barn, stream, wells and pond. Low taxes and owner financed. This property awaits your development! #117 (Snyder Co.)

Hobby farm consisting of 30 acres, Christmas trees and apple/peach orchard. Good farmhouse, pond and outbuildings. Equipped price with owner financing. #114 (Snyder Co.)

UNITED FARM AGENCY OF PA. INC.
717-658-5125

COUNTRY HOME, BARN, 10-AC.
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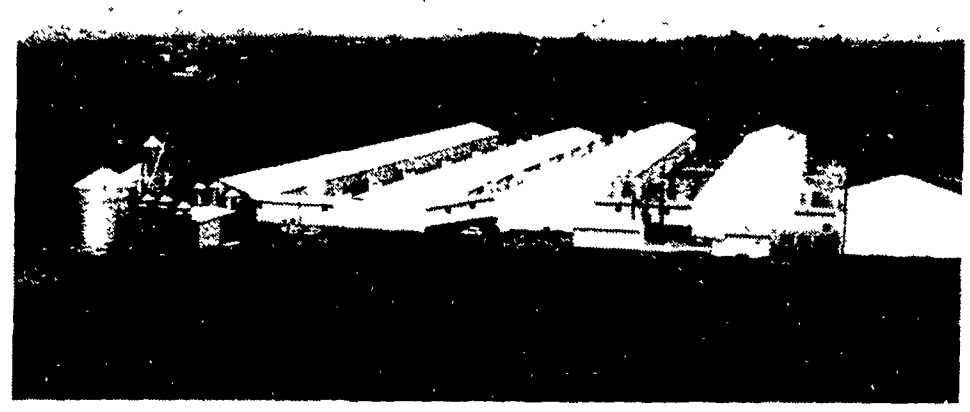

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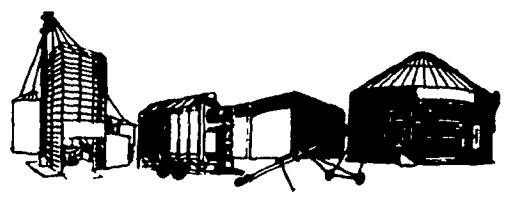

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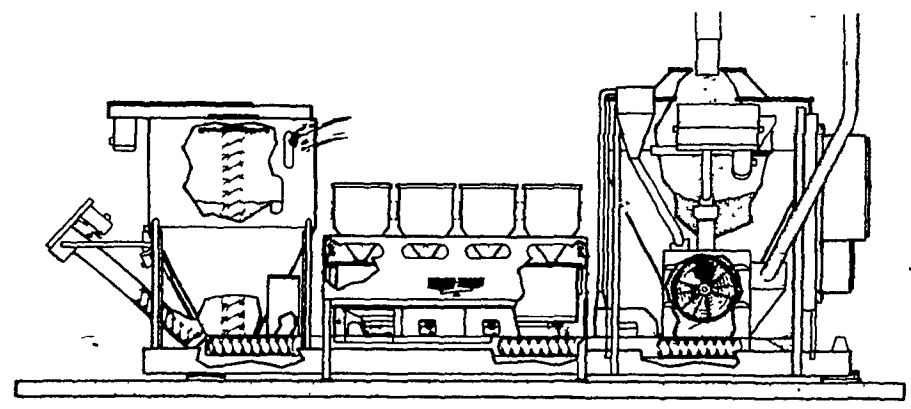

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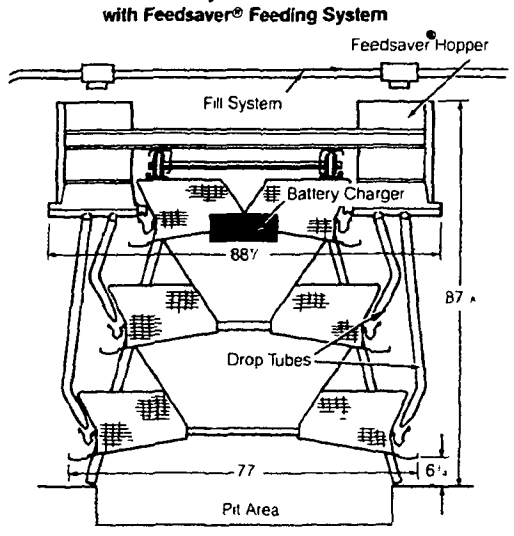

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* John Deere finance plans subject to approved credit. These offers may be reduced in value or withdrawn at any time.

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Now's the time to choose from the 15 models listed here. Get the new tractor you want while these John Deere cash rebates are still in effect.

Model	Rebate on Purchase, 2WD	Rebate on Purchase, 2WD w/MFWD**
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45-hp 2150	1,150	1,450
50-hp 2255	1,075	N/A
55-hp 2350	1,150	1,600
65-hp 2550	1,600	1,900
75-hp 2750	1,450	1,800
85-hp 2950	1,700	1,900
100-hp 4050	1,400	4,000
120-hp 4250	1,500	4,000
140-hp 4450	1,600	4,000
165-hp 4650	2,000	4,000
190-hp 4850	2,200	4,000
185-hp 8450		$5,700 (4WD)
235-hp 8650		6,400 (4WD)
300-hp 8850		8 200 (4WD)

* Availability of John Deere financing subject to approval of credit. Leases not eligible for cash rebates.
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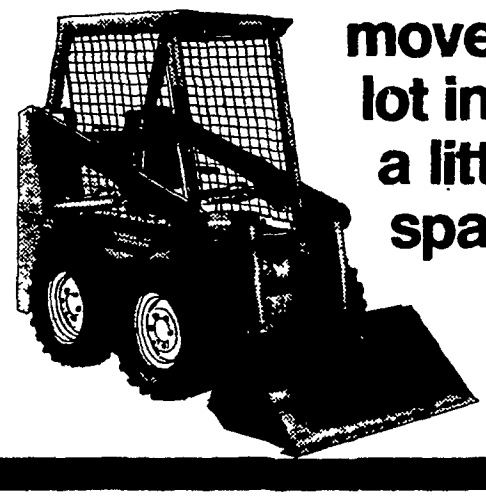

Inside the "cage" of a John Deere skid-steer loader is one place sitting down on the job really pays off. Seated inside, you can do more work in less time, with far less fatigue that if you attempted the same job by hand.

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JOHN DEERE

They're all 'bottled up' in dairy's past

BY JOYCE BUPP
Staff Correspondent

YORK — Remember all those aqua-colored canning jars that your grandmother filled each year with goodies for the winter, and lined up on near rows on her basement shelves?

Grandma would have laughed at the idea at the time, but today most of those dusty, homey, memory-filled jars are worth at least several dollars each.

Some command considerably more.

Like the fruit jar that garnered a wealth of attention recently at the Pennsylvania Antique Bottle Collectors' Association show, at the York Fairgrounds.

Fitting it's status as a real "collectible," the ordinary-shaped, half-gallon fruit canning jar is carefully wrapped and packed in its own cardboard box for protection.

The price tag of $4,500 — that's right, $4,500 — tells casual visitors to the show that this deep-teal-blue-colored jar is not just your ordinary old canning container.

"As far as we know, this is the only jar like this," affirms Tom and Deena Caniff, the Ohio owners of the valuable old container.

According to fruit jar collector Tom Caniff, the unusual blue color which renders the jar so unique is attributable to unusual impurities and chemical reactions within the glass raw material as the container was processed and aged. It's a classic case of the rare oddity that inevitably results when vast numbers of any one product are made.

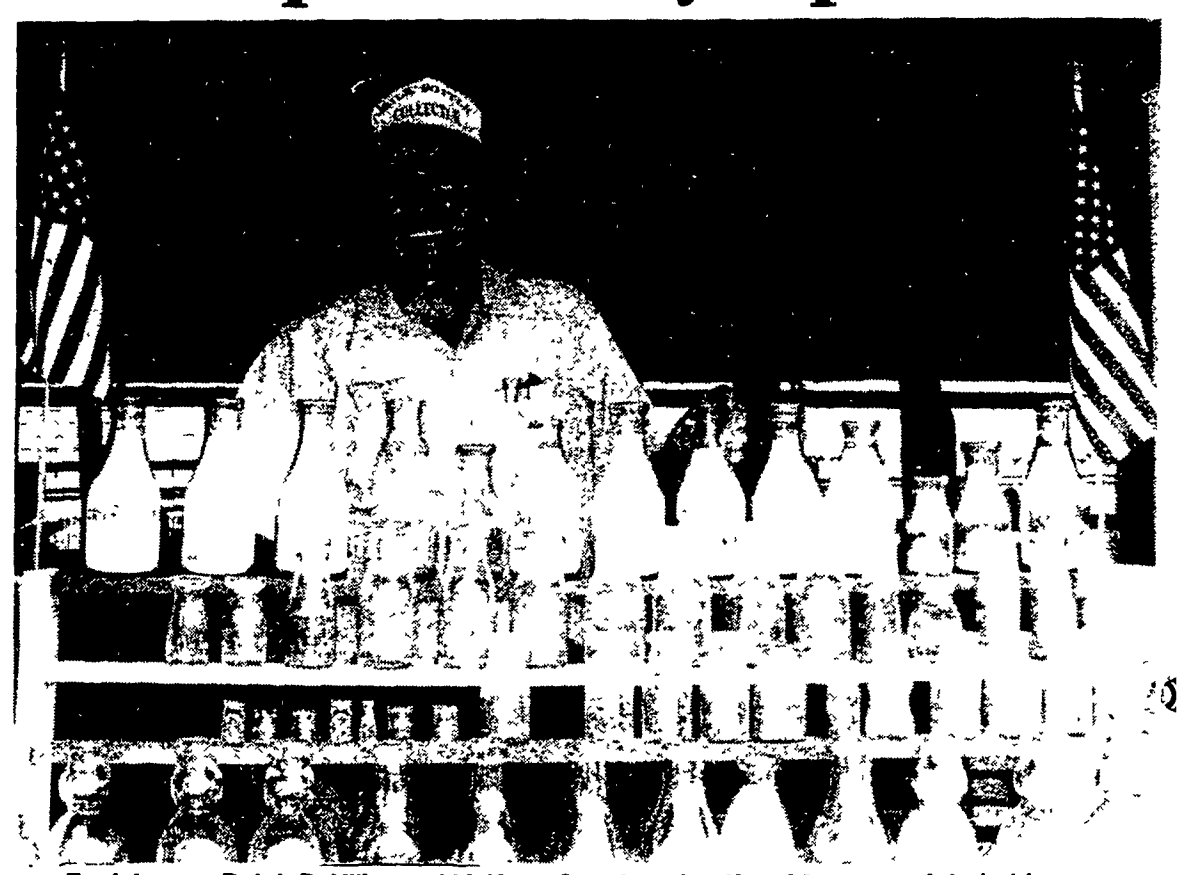
Near the top of the jar is a cross design, and embossed on the glass beneath are the words "Mason's Patent November 30th 1858."

Similar cobalt-colored jars have sold for $5,000, so the price set on Caniff's prize is not at all out of line, according to the experts.

"I traded a bottle for it," Caniff hedges when the inevitable subject arises about how he acquired the treasured piece of glass.

The Caniff couple's interest in bottle collecting began when they found a few old aqua-colored "junk jars" in old buildings. Delving into the subject more deeply, they learned that their 1930's vintage finds were really rather common.

But, by then the collector bug had bitten. While they dabbled for a bit in the whole range of glass items, from milk bottles to glass insulators, like most serious collectors the Caniff's settled on one main item, fruit jars, on which to focus their energy.



Ex-dairyman Ralph DeVillars, of McKean County, advertises his appropriate hobby on his cap.

Careful, there's a $4,500 price tag on that fruit canning jar, explain collectors Tom and Deena Caniff.

Over 200 bottle collectors set up booths in and around the livestock exhibition arena and surrounding stall areas at the fairgrounds, the 11th consecutive year that York has hosted the show.

According to the association's financial secretary, Linda Warner, the 85 member families, most from the southcentral part of the state, especially enjoy the casual, open-air atmosphere of the fairgrounds setting.

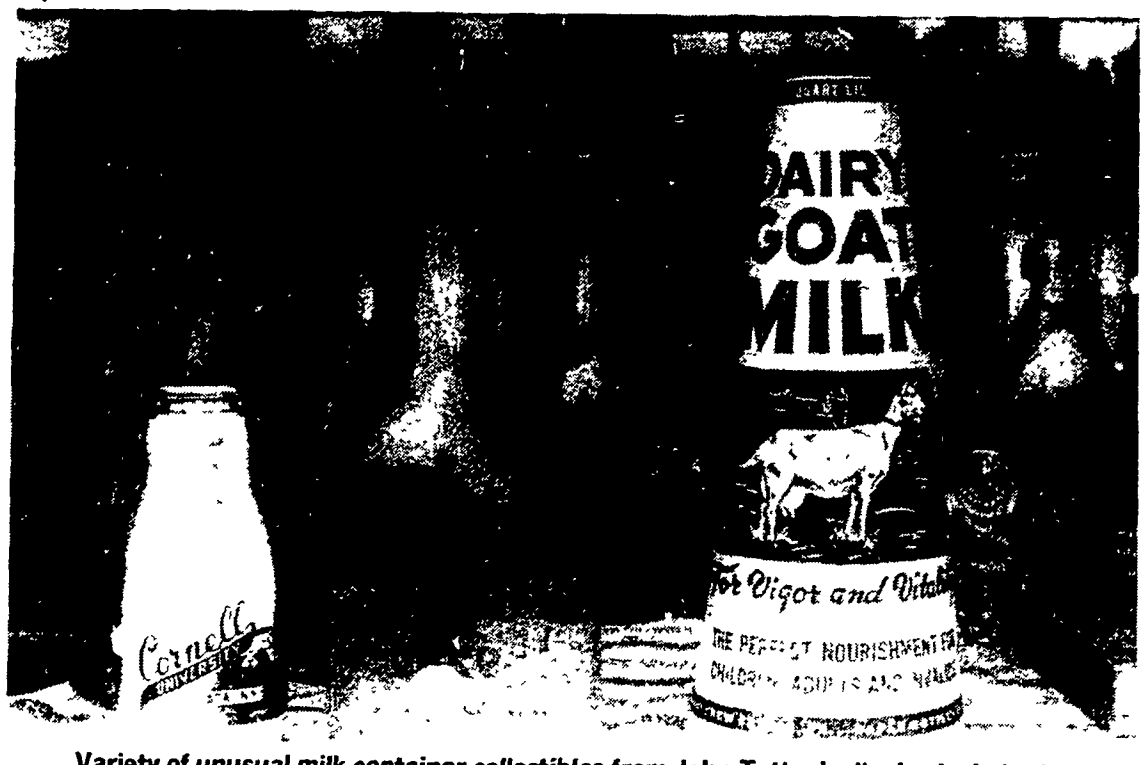
A well-known show, it drew visitors from 17 states, including some from as far away as California, Florida and New England.

While many of the bottle collections have strong roots in rural America, few go as deeply into everyday farming history as the varied and fascinating assortments of milk bottles.

Likely the undisputed "dean" of milk memorabilia attending the show was former New York dairyman, John Tutton.

Tutton, now managing a beef herd at Front Royal, Va., began collecting milk bottles about the same time he sold out his partnership in a registered Ayrshire herd in Chataqua County.

Ice cream trays are also collected by milk memorablia enthusiasts. Sixteen-year-old Mark Tutton displays Biltmore Ice Cream Tray in mint condition.



Variety of unusual milk container collectibles from John Tutton's display include, from left, a Cornell University bottle, indented creamer bottle and a relatively rare cardboard cone advertising the contents as goat milk.

Impressed with how his partner had always stored the milk for his own use in glass, Tutton determined that he would in some way help preserve the lore of milk in glass by collecting bottles representing the Chataqua County dairies. When the family later moved to Buffalo in 1968, research at local libraries put Tutton on the track of the over-500 dairies that once merchandised milk in Buffalo.

Tutton set his goal: to accumulate a collection of a bottle from each of the 500 Buffalo milk firms.

When the move to Virginia became imminent, Tutton sold the 350 bottles he had amassed toward that goal to another collector.

But milk bottle mania is not to be dismissed lightly. Tutton's next stop was at the U.S. Patent offices in Washington, D.C., where he began research in earnest on the whole antique milk bottle history.

Studies sent him in the direction of the Thatcher Glass firm, founded by Dr. Harry Thatcher, known today as the "father of the milk bottle." The Thatcher companys replies further whetted his interest in the history of the bottles.

End result of several years research, study and a growing collection of bottles and bottle lore is a book that Tutton published in 1980 on milk bottles. Titled UDDER DELIGHT, the paperback publication is chocked full of bottle history and bottle pricing information.

Like other collectors, Tutton has focused on a particular type of bottle and now collects for himself primarily "hospital" and "university" bottles.

Hospital bottles were those marked and used strictly by the institutions of healing. They were not circulated by dairies among their regular customers, since it was believed that diseases could have been spread from the hospital to the general public via the bottles.

A related collectible is the cardboard cone bottle, also designed, says Tutton, as a disease

(Turn to Page C4)

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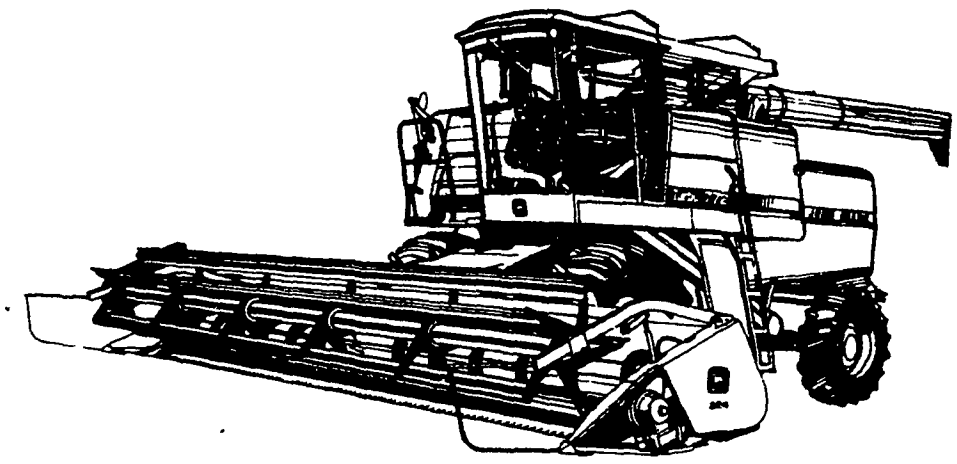

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All bottled up

(Continued from Page C2)

prevention measure. Cardboard cones were the first disposables, and were used in delivery of milk to homes under quarantine for a communicable disease. Rather than return a bottle from a quarantined home, the cardboard container was burned.

University bottles date from the era when many learning institutions maintained a herd of dairy cattle for teaching, plus bottling their own brand of milk. Among those universities with their own bottles were Penn State, Cornell, Virginia Polytechnic Institute, University of Delaware, University of Maryland, Bucknell and West Virginia University.

Although no longer a dairy farmer, Tutton is adamant about promoting milk and maintains a standing offer to any promotional group in his area that would be interested in milk memorabila for dairy advertising displays.

Manning another "milk bottle booth" was Ralph DeVillars of Kane. A McKean County dealer for Pioneer seed corn and Central Petroleum Company, DeVillars is also a former dairyman. For several years, DeVillars was a representative for the Pennsylvania Department of Agriculture, picking up milk ring test samples across the western part of the state.

Although he recalls occasional thoughts of trying to collect a bottle from each dairy he visited, it was DeVillars' wife who finally paved the way for his hobby.

"She got interested in depression glass, and finally talked me into wasting an entire Saturday going along to look at this 'junk'," he chuckles with the recollection.

But a couple of milk bottles he spied while strolling through the displays of "junk" firmly etched themselves into his memory.

"For two days, all I could think of was milk bottles," he laments.

Now a self-proclaimed "milk bottle nut," he set out to research the history of and track down a sample bottle from every dairy with its own containers that ever operated in the 12 northwestern counties.

His interest and expertise recently won him an invitation to become the Eastern reporter for the MOOSLETTER, a California-published national newsletter for milk bottle collectors.

Another promoter of the product that filled the bottles he adores, DeVillars is dismayed by the current state of the dairy industry and lays a chunk of the blame on producers who willingly add to production but refuse to help promote their own product.

"At three o'clock on a Saturday afternoon in town you can't even find a container of milk," he says, disappointment coloring his voice. "And we have lots of campers and tourists that frequent the area, especially on weekends."

"It's about time the farmers stop producing so much, and start selling instead."

And, this bottle collector, and probably the rest of his peers, would be just delighted if they'd start selling it in glass once again.

Likely the tiniest milk bottle at York Show was the Borden miniature exhibited by Ralph DeVillars. In the center of grouping, it was originally designed by Borden as part of a milk wagon toy. Its size is even overshadowed by the glass coffee creamers.

Not just for milk was this A.G. Smalley handle jar displayed by milk bottle expert, book author and farmer John Tutton. Hardware stores commonly handled container, popular for dairy and other liquid condiments. Patent on handle dates to 1895.

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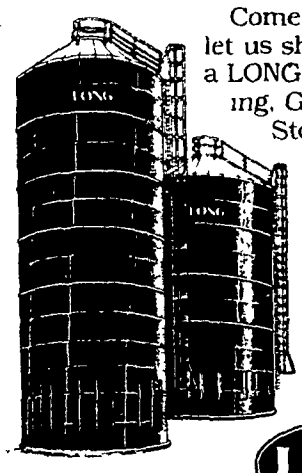

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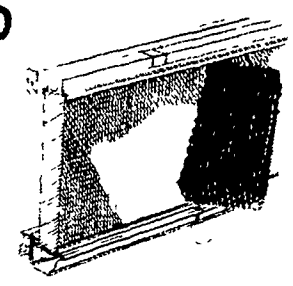

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Lancaster County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

June, 1983

A Registered Holstein cow owned by Robert H. Kauffman, R#1, Elizabethtown, completed the highest 305 day lactation. Dottie produced 23,448 lbs. of milk, 1,093 lbs. of butterfat with a 4.7% Test. Second high lactation was completed by a Registered Holstein cow owned by Robert Kauffman Jr., R#2, Peach Bottom. Tina produced 24,883 lbs. of milk, 1,002 lbs. of butterfat with a 4.0% test in 305 days.

FIRST 305 DAYS OF LACTATION WITH 700 OR MORE LBS. OF BUTTERFAT

OWNER NAME OR NO.	BREED	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Robert H. Kauffman						
Dottie	RH	5-0	305	23,448	4.7	1,093
Barbdol	RH	3-7	305	16,379	4.3	700
Robert Kauffman Jr.						
Tina	RH	8-9	305	24,883	4.0	1,002
Salome	RH	7-3	305	18,101	4.8	866
Jem	RH	5-0	295	23,437	3.4	807
Mindy	RH	3-1	305	21,992	3.6	797
Idamae	RH	2-0	305	17,545	4.2	733
Ella	RH	3-3	305	18,724	3.9	726
Lester M. Weaver						
75C	GrH	3-9	305	27,223	3.5	949
95B	RH	3-9	305	20,802	3.7	766
Earl S. Weaver						
Heidi	RH	5-2	305	25,719	3.7	947
Dorie	RH	3-11	305	21,027	4.0	846
Ginger	RH	5-11	302	19,331	4.3	833
Tracy	RH	3-6	305	18,594	4.2	789
Christian & Katie King						
4	RH	6-6	305	26,800	3.5	941
12	RH	5-10	305	19,801	3.7	724
Omar Smoker						
Dora	RH	5-5	305	23,136	4.1	939
Dan S. Stoltzfus						
Happy 6	RH	8-9	305	22,308	4.2	931
Hanky 40	RH	5-8	305	19,631	3.9	771
Barb73	RH	6-6	274	17,136	4.3	741
Kenneth H. Wenger						
11	RH	7-6	305	25,164	3.7	928
101	GrH	0-0	305	20,033	4.0	795
43	GrH	0-0	299	21,151	3.6	772
14	GrH	0-0	305	19,363	3.9	749
Roman L. Stoltzfoos						
13	GrH	6-10	305	26,448	3.5	926
65	RH	5-10	305	16,741	4.3	718
Vern-Lee Holsteins						
Suprena	RH	5-9	305	25,262	3.7	926
Ivan Zook						
2	GrH	7-1	273	23,919	3.9	924
96	GrH	5-7	290	22,070	3.8	841
33	GrH	4-1	305	19,459	4.1	789
4	RH	4-1	305	21,221	3.4	711
Meadow Springs Farm						
Victria	RH		305	21,818	4.2	915
Stephen J. Stoltzfus						
Dolly	RH	9-6	305	22,328	4.1	908
Veara	RH	4-5	305	18,111	4.2	756
Proud	RH	4-2	305	18,032	4.1	737
Linda	RH	7-4	305	19,102	3.8	735
Wayne	RH	3-11	305	20,128	3.5	700
Reuben A. Stoltzfus						
Amy	GrH	5-9	305	23,955	3.8	905
Nelson W. Nolt						
94	RH	3-1	305	20,399	4.4	902
John M. Harnish						
Lola	RH	3-3	305	23,226	3.8	893
Andrea	RH	4-10	305	19,653	4.2	822
Lucy	RH	2-1	305	17,747	4.2	739
Jacob S. Dienner						
Fury	RH	6-10	305	22,112	4.0	892
Posie	RH	2-11	305	19,629	3.8	753
Nell	RH	3-0	305	15,647	4.6	717
J. Robert Kindig						
Leslie	RH	7-7	305	25,319	3.5	882
Mayflwr	RH	5-0	305	23,392	3.5	811
Connie	RH	3-11	305	18,026	3.9	703
Clyde W. Martin						
Hazel	RH	3-11	305	21,804	4.0	875
Maxine	RH	5-4	281	21,773	3.8	835
Edna	RH	2-1	276	17,733	4.2	738
Snowflake	RH	2-4	305	20,286	3.5	714
Albert H Mellinger						
Vivian	GrH	5-10	305	25,344	3.4	870
Dolly	RH	5-6	304	16,506	5.1	844
Inger	GrH	5-0	305	18,965	4.3	816
Erna	RH	4-9	305	19,802	3.7	735
Inkie	GrH	7-7	305	20,946	3.4	705
Amos B. Lantz						
C. Raye	RH	6-8	305	19,591	4.4	866
L. Clair Miller						
Margo	RH	7-0	305	20,449	4.2	864
Ken & Nelson Stoner						
129	RH	5-10	305	22,215	3.9	861
52	RH	3-11	305	23,985	3.3	785
Delmar H Wenger						
Ann	RH	6-10	305	24,811	3.5	856
Gem	RH	2-1	305	18,108	3.9	706
Clair M Bowman						
26	GrH	4-0	305	19,083	4.5	854
Finni	RH	3-5	305	18,591	4.2	776
14	RH	4-4	305	17,987	4.1	746
David S Zimmerman						
171	GrH	6-6	305	22,994	3.7	851
Allen S. Groff & Son						
76	RH	5-9	305	24,016	3.5	849
83	GrH	4-4	305	20,183	4.0	814
John H. Howard						
Glaze	RH	3-4	305	22,692	3.7	848
Bess	RH	7-8	305	19,041	3.8	725
Pequea Meadows Farm.						
222 Chrs	RH	2-6	305	20,710	4.1	848
G.&J. Hershey Bros						
Susie	RH	4-9	305	19,645	4.3	848
Beauty	GrH	8-6	305	20,210	4.1	824
Jodi	RH	5-8	292	21,098	3.6	769
Springarden Farm						
Plum	RH	4-8	305	21,113	4.0	847
Gypsie	RH	6-6	305	25,600	3.1	789
Pride	RH	3-0	305	18,539	4.1	760
Anna	RH	6-10	305	19,490	3.9	762
Bubbles	RH	4-1	305	21,909	3.4	735
Janice	RH	3-1	305	17,976	4.0	721
Joanne	RH	3-3	305	21,197	3.4	720
Monica	RH	5-7	305	16,403	4.3	704
Harold G Shelly						
Dandy	RH	4-6	305	21,410	3.9	845
New Acres						
17	GrH	5-5	305	19,108	4.1	841
23	GrH	4-8	305	17,626	4.2	743
Paul S. Horning						
Ellen	RH	4-0	305	25,799	3.3	843
Charm	GrH	5-1	290	19,556	3.7	729
Donald R. Bare						
53	RH	4-3	305	19,033	4.4	843
18	RH	6-6	296	18,486	4.0	747
69	RH	5-4	299	19,159	3.8	724
Buchen Farms						
606	RH	3-11	305	16,110	5.2	842
Benuel S. Stoltzfus						
Belle	GrH	5-9	305	20,726	4.1	840
Esther	GrH	5-0	305	19,098	4.4	836
Wilma	GrH	4-10	305	24,240	3.4	823
Mickey	GrH	4-2	275	21,482	3.7	794
Belinda	GrH	4-9	305	22,704	3.3	743
Kreider Dairy Farms						
818	GrH	5-7	305	21,265	3.9	837
Abram & John Barley						
371	RH	5-3	305	19,532	4.3	835
Emanuel S. Smucker						
Doris	RH	3-5	300	18,632	4.5	835
Jonas O. Sensenig						
13	GrH	4-9	305	21,183	3.9	834
24	GrH	3-6	305	18,802	3.8	721
Allen Lee Stoltzfus						
Dill	RH	3-3	305	20,209	4.1	833
Vera	RH	4-3	305	22,113	3.6	806
Vernon R. Umble & Sons						
Margo	RH	6-2	305	21,672	3.8	830
Honey	RH	6-4	305	19,386	3.8	743
Richard N. Sauder						
EvaJane	RH	4-4	305	21,470	3.8	826
George M. Hurst						
260	RH	4-10	305	15,775	5.2	825
Kreider's & Nickle						
75	RH	9-9	305	19,530	4.2	824
165	GrH	3-2	289	20,234	3.9	796
104	RH	4-0	279	17,310	4.5	782
Harry L Troop						
Alisn 42	RH	6-9	305	18,160	4.5	823
Riehlee Farm						
Holly	RH	5-7	305	23,563	3.5	822
John A. Brubaker Jr						
Robin	GrH	2-5	305	21,684	3.8	821
Terry	RH	5-0	305	21,466	3.5	747
David K. Stoltzfus						
Sizz	RH	7-10	305	17,967	4.6	821
Robert C. Groff						
Idea 70	RH	7-7	305	18,195	4.5	820
Jonel 5	RH	7-11	305	19,635	3.9	772
Gordon E. Herr						
M. Boot	RH	4-0	305	17,516	4.7	819
Robert H. Rohrer & Sons						
214	GrH	3-6	305	22,461	3.6	809
Donald B. Trimble						
Airlia	RBRSW	3-3	305	16,179	5.0	805
Noah K. Beiler						
Edna	RH	6-0	305	19,725	4.1	804
Roy H. & Ruth H. Book						
Maxine	RH	2-11	305	16,518	4.9	804
Gladys	RH	4-6	305	19,013	3.8	725
Earl & Steven Nett						
Ellen 5	RH	6-6	305	22,573	3.6	803
John K. Stoltzfus						
Angela	RH	5-4	305	21,150	3.8	803
Louise	RH	4-11	305	18,387	4.1	752
Christian Zook						
Coleen	RH	2-10	305	20,203	4.0	803
Dressy	RH	3-0	305	19,734	3.8	759
Sunshine	RH	3-0	305	19,938	3.7	731
Dawn	RH	3-8	291	18,002	4.1	731
Emanuel B. Lapp						
Shirley	GrH	8-6	305	20,232	4.0	801
Parke H. Ranck						
Vicky	RH	5-3	305	19,479	4.1	801
Kenneth D. Myer						
Melissa	RH	7-1	305	19,479	4.1	799
Denise	RH	4-10	305	23,126	3.4	778
Della	RH	3-10	305	18,711	3.8	718
Christian E. Riehl						
Martha	RH	6-0	299	24,567	3.2	798
Dennis R. Bender						
80	RH	3-11	305	21,396	3.7	798
Singing Maple Farms						
1	RH	5-0	305	17,826	4.5	797
Robert N. Brandt						
12	GrH	6-0	300	18,104	4.4	796
Willis M Martin						
Gilda	RH	6-9	305	19,903	4.0	795
Glenn C Hershey						
Margart	RH	6-5	305	26,368	3.0	790
Robert G. Hershberger						
1	RH	3-4	305	16,300	4.8	790
Thomas A Denlinger						
Pride	RH	7-1	305	18,464	4.3	788
Jonas E Stoltzfus						
Robin 6	RH	4-4	305	18,304	4.3	785
Sally 25	GrH	5-1	305	21,685	3.4	742
Paul D. Welk						
Bev	RH	6-6	305	25,499	3.1	784
Ann	RH	9-11	305	16,909	4.2	717
Abraham Shelly Jr						
Sure	RH	4-8	305	22,095	3.5	784
Bomber	RH	4-1	305	18,459	4.0	745
Robert W. Ulrich Jr.						
Betty	RJ	7-6	305	15,119	5.2	783
Glenda	RJ	3-11	301	15,023	4.9	732
Joseph W Best & Son						
23	GrH	6-1	305	19,892	3.9	782
46	GrH	3-11	305	20,544	3.7	768
34	GrH	5-1	305	19,409	3.7	727
102	GrH	6-8	305	16,401	4.4	724
Garwood Farm						
Sandra	RH	6-4	288	17,978	4.3	782
Carl L. Martin						
Stacy	RH	4-9	305	19,489	4.0	781
Robert E. Kulp						
82	RH	6-6	305	22,280	3.5	780
Samuel M Martin Jr.						
40	GrH	2-11	305	19,048	4.1	779
44	GrH	2-11	305	20,458	3.4	704
Jay L Ranck						
Faye	GrH	4-1	294	18,845	4.1	779
Spring Belle Farm						
Go Go	RH	3-3	305	19,789	3.9	777
Marvin K Witmer						
Fay	RH	6-3	295	17,895	4.3	777
Dan L Stoltzfus						
June	RH	6-5	284	15,394	5.0	776
Pequea Heights Farm						
Gladys	GrH	4-1	305	22,286	3.5	775
Grace	GrH	5-11	305	24,528	3.0	745
Gigi	RH	6-4	289	18,427	3.9	722
Harry H Ranck Jr.						
Dash	RH	3-7	305	22,859	3.4	774
Elam B Rutt						
Sandman	RH	3-4	305	20,626	3.8	774
Danda Farms						
Wonderc	RH	3-4	305	20,048	3.9	774
Aiden	RH	3-1	305	16,346	4.4	726
Kreider & Munro						
10	GrH	5-0	305	19,617	3.9	774
Gerald Martin						
Charlen	RH	10-4	305	19,582	4.0	774
John L. Landis						
172	GrH	4-0	284	20,250	3.8	772
86	RH	2-7	286	21,097	3.6	763
Welsh-Vista Farms						
Blaze	RH	4-1	305	16,229	4.8	772
Irwin W. Engle						
1	RH	6-2	305	18,419	4.2	771
72	GrH	6-11	305	18,607	3.9	726
J. Earl Horst						
Dedra 41	RH	6-0	305	21,655	3.6	770
C. Victor Groff						
97	GrH	6-10	305	21,221	3.6	770
94	GrH	8-7	305	19,997	3.7	745
Robert Gochenaur Jr.						
24	RH	4-5	305	23,297	3.2	769
C. Nevin Hershey						
Tillie	RH	9-2	298	20,240	3.8	769
Thomas C. Lapp						
Mrth 53	RH	3-6	305	21,261	3.6	767
Lady	RH	9-6	305	20,418	3.5	724
Clifford & Joyce Blank						
Thrill	RH	8-2	305	19,515	3.9	767
Trina	RH	4-8	305	19,091	3.7	715
John S. Zimmerman						
55	GrH	3-4	305	19,219	4.0	767
J. Harold Fritz						
25	GrH	6-4	305	16,647	4.6	767
502	GrH	7-5	305	18,934	4.0	756
72	GrH	4-5	305	21,863	3.4	753
Moses N. Good						
Betsy	GrH	7-2	305	24,071	3.2	764
Lloyd B. Sensenig						
Sandy	GrH	2-10	305	21,393	3.6	764
Earl R. Martin						
109	GrH	2-10	305	16,698	4.6	764
3003	GrH	2-1	297	18,949	3.7	700
Hiram S. August						
Burg	RH	4-9	305	18,699	4.1	762
Andrew G. Miller						
Kim	RH	5-4	303	17,788	4.3	762
J. Floyd Kreider						
71	RH	5-5	305	20,687	3.7	759
10	RH	4-0	305	17,994	4.1	742
Daniel M. Stoltzfus						
Rita	GrH	3-6	305	17,992	4.2	759
Greta	GrH	4-9	305	16,937	4.5	755
Maple	GrH	0-0	292	18,299	3.8	702
Marie	RH	4-8	305	19,904	3.5	700
Samuel E Beiler						
Beth	RH	3-7	305	22,473	3.4	758
Raymond E. Reitz						
Joan	RH	4-10	305	16,806	4.5	757
6	GrH	3-9	305	16,215	4.6	751
John S. Wenger						
20	H	0-0	305	19,394	3.9	756
David E. DeLong						
153	GrH	4-8	305	16,470	4.6	756
Tillie	GrH	7-8	291	19,463	3.7	716
Britain Acres Farm						
121	RH	9-10	305	19,719	3.8	755
159	RH	6-2	305	21,205	3.5	742
Jonas B. Stoltzfus						
Tina	GrH	9-3	305	19,939	3.8	754
Patsy	GrH	4-11	272	16,972	4.2	720
Galen W. Crouse						
Niki	RH	4-8	305	18,325	4.1	752
Aaron R Stoltzfoos						
Chriss	RH	5-7	305	16,640	4.5	752
Cindy	GrH	7-8	305	21,679	3.4	734
Joyce	GrH	3-4	305	20,583	3.5	716
Nathan E Stoltzfus						
Opalena	RH	3-5	305	14,481	5.2	752
Susetta	RH	5-11	305	21,030	3.6	751
Jay L. Bixler						
Rainbow	RH	3-7	292	18,319	4.1	750
Glenn E Burkholder						
Tina	RH	4-2	305	20,509	3.7	749
LeRoy M. Stoltzfus						
Sheila	RH	6-6	305	20,480	3.7	749
Melvin L. Shertzer						
Elaine	RH	4-1	305	21,202	3.5	748
Anita	RH	4-11	305	20,381	3.7	748
J M. Stoltzfoos						
Ideal	RH	4-10	305	17,300	4.3	748
Salley	RH	3-6	292	16,717	4.4	739
Gusty Crest Farm						
Kelm	GrH	5-11	305	20,846	3.6	746
Marlin R Beiler						
Tricia	RH	11-3	303	17,673	4.2	746
Fred Crider						
Candy	RG	2-0	305	14,627	5.1	745
Darryl Bollinger						
Paella	RH	3-2	305	18,308	4.1	743
Thomas & Larry Aaron						
7	RJ	9-9	305	13,935	5.3	743
David Ray Stoltzfus						
58	GrH	4-2	305	20,669	3.6	742
38	GrH	4-3	305	16,210	4.4	706
R Edwin Harnish						
Esther	RH	5-10	305	25,730	2.9	741
Jean 16B	GrH	3-8	305	22,393	3.3	731
Samuel F Long						
Ginny	RH	5-9	305	22,750	3.3	741
Bushong Bros						
Vera	GrH	7-6	305	15,256	4.9	741
Daisy	GrH	6-1	279	15,983	4.6	735

(Turn to Page C6)

Lancaster Co. DHIA

(Continued from Page C5)

Penny	GrH	3-9	288	17,165	[illegible]	718
Maude	GrH	5-0	305	21,569	[illegible]	709
Eli S. King						
98	RH	5-4	305	17,790	4.2	740
John Z. Beiler						
Ida	RH	3-9	305	19,812	3.7	739
Emma	RH	8-0	305	18,414	3.9	711
Harvey Espenshade						
28	GrH	5-2	305	19,347	3.8	739
Daniel M. King						
Gutman	GrH	8-9	305	20,973	3.5	738
Benuel Z. Lapp						
Molly	RH	10-2	305	21,905	3.4	736
J. Carl Zander						
Kass	RH	3-5	305	16,720	4.4	736
Fawn	RH	6-0	305	18,525	3.9	719
Neffdale Farm						
Shirley	RH	5-10	305	20,218	3.6	734
Eli S. King						
21	RH	5-11	305	19,639	3.7	734
28	GrH	7-9	305	15,570	4.6	724
Martin Weaver Jr.						
Jewel	GrH	3-10	305	19,060	3.9	734
Weaver & Burkholder						
63	GrH	3-11	304	18,450	4.0	731
Ben S. Stoltzfus						
Barby	RH	6-2	305	17,343	4.2	731
Harry S. August						
Cissy	RH	5-5	305	18,255	4.0	730
G.M. Weaver						
Christi	RH	2-11	305	23,463	3.1	729
Levi E. Stoltzfus						
Violet	GrH	8-8	305	22,500	3.2	726
Margaret	GrH	9-8	305	17,229	4.2	726
Jane	GrH	7-0	305	17,321	4.2	723
John P. Lapp						
Ada	RH	6-5	305	20,816	3.5	726
Tammy	RH	5-5	305	18,739	3.8	717
Omer B. King						
Lou	RH	3-10	305	16,489	4.4	726
Nelson H. Hershey						
76	RH	2-11	297	19,896	3.6	724
90	RH	2-0	305	16,187	4.4	709
Bart Dell Farm						
Kitten	RH	3-4	305	18,470	3.9	724
Melvin L. Beiler						
Comet	RH	7-9	305	21,232	3.4	723
Kizzy	RH	6-10	305	17,906	3.9	700
Raymond M. Weaver						
1	RH	7-10	305	19,503	3.7	723
102	RH	3-8	305	16,722	4.3	713
78	RH	3-3	305	15,423	4.5	701
Walter C. Pownall						
104	GrH	6-1	305	16,867	4.3	723
208	GrH	2-1	305	16,851	4.2	707
Aaron S. Glick & Sons						
37	RH	6-10	305	18,708	3.9	722
31	RH	10-10	305	20,336	3.5	711
David L. Landis						
Kay	RH	5-9	303	19,659	3.7	721
Lester J. Wiker						
Brenda	GrH	9-1	305	18,417	3.7	721
Gerald T. Harnish						
3	GrH	5-6	305	17,818	4.0	721
John Omar Stoltzfus Jr.						
Ertha	RH	6-11	295	20,078	3.6	720
Twin Oak Farms						
246	GrH	6-8	304	21,030	3.4	719
265	GrH	6-0	305	16,828	4.2	709
Rohrer Brothers						
Gloria	RH	3-9	305	20,413	3.5	719
John E. Glick						
Betsy	GrH	6-6	305	20,289	3.5	719
Warren F. Bollinger						
8	RH	2-2	305	15,082	4.8	718
Running Springs Farm						
Apple	GrH	8-5	305	18,988	3.8	717
Titus B. Stoner						
Content	RH	8-0	305	15,322	4.7	717
Aaron Z. Martin						
2	RH	4-5	305	20,793	3.4	716
Glenn R. Binkley						
189	RH	6-7	305	20,585	3.5	715
Christian Stoltzfus						
Marcey	RH	3-0	305	18,706	3.8	715
Donald B. Trimble						
5	RH	6-0	305	22,362	3.2	714
Melvin M. Groff						
Gladys	RH	8-11	287	17,063	4.2	714
Floyd Kreider & Son						
88	GrH	5-11	305	20,361	3.5	713
A. Dale Herr						
187	GrH	3-6	305	20,048	3.5	709
Elam K. Stoltzfus						
Lea	RH	4-4	305	20,052	3.5	708
Indian View Farm						
Fanny	RH	5-5	292	16,612	4.3	708
Milky Way Farm						
Smaggy	GrH	3-3	305	17,990	3.9	706
Raymond K. Burkholder						
78	GrH	6-3	305	17,871	4.0	706
John U. Glick						
Kay	RH	10-2	305	20,086	3.5	704
Harold G. Shelly						
Flirt	RA	6-11	305	17,817	4.0	704
J. Richard Kolb						
73W	GrH	9-9	297	20,648	3.4	703
Long Acres Farm						
112	GrH	0-0	289	19,866	3.5	703
Tom & John Harnish						
Suzanne	GrH	10-3	284	18,197	3.9	703
Jonathan K. Lantz						
Rene	GrH	3-7	305	21,006	3.3	702
Nelson H. Wenger						
Deann	RH	2-0	305	18,539	3.8	702
Flossie	RH	9-1	305	15,237	4.6	702
Wilmer L. Shertzer						
29	GrH		305	16,456	4.3	702
Ira D. Welk & Sons						
Sparkle	RH	5-2	305	21,386	3.3	701
Kenneth G. Groff						
Melissa	GrH	6-5	305	18,037	3.9	701
David L. King						
Florence	GrH	7-1	288	17,289	4.0	700

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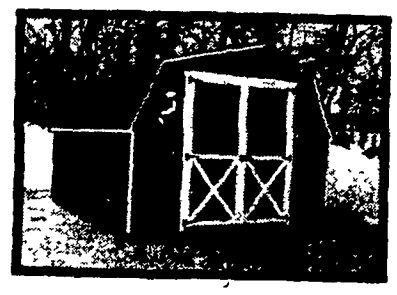

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8x12	$480	12x14	$750	12x28	$1270
8x14	$520	12x16	$810	14x24	$1545
				14x28	$1895

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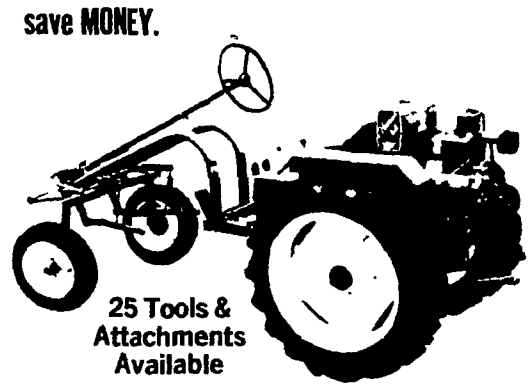

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By
Glenn A. Shirk
Extension
Dairy
Agent

Chewing The Fat About Fat Test Problems

It's that time of the year again when we start getting more calls about butterfat depression problems. This past week I talked to a good dairyman who experienced such a problem.

His herd had been very productive and he had a good test for his level of production, also giving him good fat production records. Then, his test began slipping, until the herd eventually tested about 3.2%. And that was late in the year when you'd normally expect fat tests to start improving. He was feeding good quality hay and some corn silage during this period of time. He was also feeding a high quality grain-high energy, MHA, beta carotene, by-pass protein, and all those other goodies high producing cows need. And, the cows responded well with more milk, but total fat production declined rather significantly.

In desperation he switched to a different grain feeding program. Within a month, fat tests climbed to about 3.6, and eventually up to 3.8. He continued feeding the same forages, but more of it. What caused fat tests to increase? I suspect the additional forage intake was the major contributing factor. The change in the grain feeding program may also have been responsible, but it would be interesting to know what the cows would have done on the "old" grain program had they been consuming the same amounts of forages.

My point is this. Before being too quick to switch away from feeds and feed men who have worked well for you in the past, look first at your forage feeding program, and keep these basic truths in mind:

(1) A cow's rumen has to be functioning normally for her to test well.

(2) When a cow's rumen is upset she can vary as much as 1.0% in test from one day to the next; in other words, she can drop from a 3.8% down to a 2.8% - or lower!

(3) A cow is a ruminant and she needs a certain minimum amount of forage and effective fiber to keep her rumen functioning normally.

(4) Too much grain, especially if fed at one time, can overload the rumen and create acidosis; that kills appetites and fat tests.

Notice that I referred to "effective" fiber. For fiber to be useful to a cow she has to be able to utilize it. So, let's be sure our forages are of good enough quality to allow her to digest it. The faster she digests it, the faster it moves through her digestive system and the more she will eat. That's good! Old (mature) stemmy forages and mature, dried up pasture grasses are high in fiber, but they are also less digestible due to the higher lignin content of the plant. That's bad for those cows you expect to produce well and to test well!

Let's assume we do have immature good quality forages with digestible fiber. Now, let's be sure we do not destroy its effectiveness by chopping or grinding it too fine. That applies to grains, too. And remember, that when we auger it out of the silo and as we further mix it and auger it on its way to the cows we make it even finer than what it was when it first went into the silo! That could be a problem.

Different Results on Different Farms

With these concepts in mind let's try piecing a few things together. Remember, everything is relative; that's why what appears to work for one farmer may not work for another. You have to consider your entire feeding program and herd situation, as well as that of anyone else you are trying to compare yourself to.

For example, two farmers may be feeding the same amount of about the same quality hay, and the same amount of corn silage and grain mix. However, one farmer has a finer-chopped silage and he'll probably have to feed more hay to maintain the same fat test.

Or, both farmers are feeding the same amounts and same quality corn silages and grain mixes. However one farmer is feeding long-stemmed hay while the other farmer is feeding the same amount and the same kind and quality of hay crop forage - but as chopped haylage. The farmer feeding haylage may have to feed more hay crop dry matter to maintain the same fat tests, and if he chopped his haylage (or other feeds) too fine, he'll have to feed still more hay crop dry matter to maintain his test.

Haylage in Large Bales

As we're focusing on length of chop, let me relate some experiences of dairymen I've visited with recently who have been trying long-stemmed (unchopped) haylage put up in large round bales. It appears to be working very well for them as long as the material is baled at approximately 50-65% moisture. Cows crave it, even in hot weather. The dairymen have been able to maintain cows' appetites, forage intakes, production and fat tests better than ever before! The Europeans have been using long-stemmed haylage for years with similar good results; they think we're crazy for chopping it; maybe they are correct.

This technique requires a whole new concept of handling, storing, and feeding haylage, and it may not be as convenient as what you are doing now, However, it is something to think about. Fellow have been hoisting the bales with a rear mounted spear lift, slipping a specially made plastic bag over the bale and tying the open end after the bale is placed in storage and the spear is removed. At feeding time they open the bag, spear the bale, slip off the bag, and drop it in a large bale feeder for the cows' enjoyment.

DHIA and Plant Tests Are A Clue

Back to our original farm example. When the farmer had a 3.2% herd test, most of the cows were testing low. In other words, he probably had a serious feeding problem with the entire herd. The test remained consistently low on DHIA, and with the milk plant.

This summer, his herd fat test started dropping down to about 3.6%. On his DHIA reports some cows, especially his high producers, tested very erratically. They may have been normal last month, but very low this month - the kind of situation that would lead you to suspect that you got a bad test from the DHIA lab. But, his protein tests on these same cows were fairly normal - not much variation from one month to another.

This situation (erratic fat tests, near normal protein tests) causes me to suspect that these high producing cows had digestive disturbances that day. To me, this is a sign that the forage feeding program (the forage and fiber intake levels) were marginal for this herd. The first cows to be affected were the high producers - those cows that were consuming lots of grain, and perhaps only twice daily. With high grain intakes, chances are, their forage to grain ratio was already marginal, if not already on the low side.

On hot days, it's hard to keep these high producers on full feed. If they go off feed, it's probably on hay - and we're already short on hay intake, considering the amount of grain they are consuming. If they are on pasture, the quality of the grass (and fiber) has deteriorated, and they now need more hay to compensate for these losses, but chances are, they are not getting it.

In summary then, be sure to get adequate amounts of good quality forage and fiber into the cows first, then become concerned about grain intake. And don't destroy the effectiveness of the fiber in your feeds, especially if you need all the fiber you can get; don't chop and grind your feeds too fine. When feeding large amounts of grain, blend it with the forages or feed it more frequently and in smaller quantities at each feeding. Keep the ration balanced and use buffers when necessary. To improve cow comfort and feed intake, and to help lower rumen temperatures, provide shade and ventilation (breezes) to keep the cows cooler.

Shoemaker's to host Lancaster Guernsey Field Day

LANCASTER — Plan to attend the Lancaster County Guernsey Breeders' Field Day to be held on Thursday, August 4, 1983, at the farm of Scott & Susie Shoemaker's, RD 1, Box 310, Kirkwood, PA.

The first event of the day will begin at 10:30 AM. Several classes of Guernseys will be judged followed by a noon luncheon, guest speaker Glenn Shirk, Lancaster Co. Dairy Agent, and a presentation of prizes to field day winners. The cost of the luncheon will be $3.50 per person. Children under 8 years of age pay ½ price. There will be a calf drawing for 4-H and FFA members.

Directions to Scott Shoemaker's are as follows:

Take Rt. 472 South out of Quarryville. Travel to Noble Road and turn right. Travel to Maple Shade Road and turn right. Shoemaker's are the first farm on Maple Shade Road.

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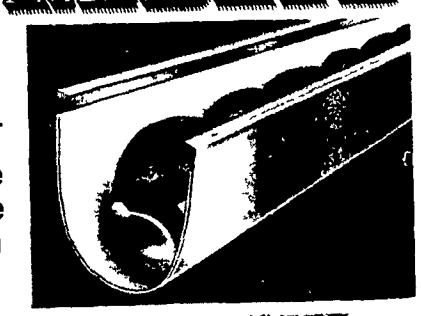

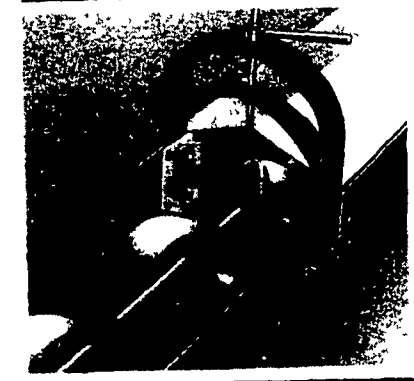

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Judging team does well in N.J. competition

FLEMINGTON, N.J. — Members of Hunterdon's Livestock Judging Teams know plenty about sheep and swine. They demonstrated their prowess at the State 4-H Livestock Judging Contest held recently at Cook College.

Kevin Milz, Patrick Eckrich, Sherryl Horvath and Frank Kolondra placed second overall in the senior team division. The junior team of Jennifer Jones, Michelle and Debbie Fugazzi and John Banach earned first overall in their division.

Senior team members were judged in two classes of competition as a team. They placed 3rd overall in swione and 2nd in sheep.

Various team members were honored individually as well. Kevin Milz, 17, Milford, as New Jersey's High Individual in oral reasons and overall. Kevin also placed first in the sheep class. Frank Kolondra, 16, Stockton, placed fifth overall, in the sheep and swine divisions.

Junior team members were also honored. Jennifer Jones, a 13-year-old Lebanon Township resident, placed first in the sheep class and was high individual overall in the junior division. Debbie Fugazzi, 13, of Franklin Township, placed first in the swine division.

Mrs. Grace Standish, Frenchtown, and Kevin Milz coached both teams. All the team's contestants are members of the Hunterdon County 4-H Sheep Club.

Dauphin 4-H'ers Hold Fair

HARRISBURG — 4-H'ers of Dauphin County are preparing for their Third Annual 4-H Fair. The public is cordially invited to join them at the Farm Show Complex on August 4, 5, and 6 for judging, fashion show, auctions, awards and much more.

Thursday, the fair will be open from 8:00 p.m. to 10:30 p.m. Opening Ceremonies by Cindy Baker, 4-H County Council President, will include a Parade of Projects and an "Anything Goes" Contest.

Friday, the fair will open to the public at 8:30 a.m. Throughout the morning, there will be judging in general, home economics, sheep and swine projects. The afternoon will include beef and dairy goat judging as well as a fashion show.

Evening activities will include: Clover Award introductions, Auction School and Cake Sale. The Auction School, using cakes donated by local 4-H clubs, will give the public an opportunity to learn the auction process. Following the school, you will have an opportunity to use these skills and buy yourself a pie-registration hog or sheep. The auctioneer will be Harry Bachman. For more information on the auction, call the Extension Office at 652-8460.

At 7:00 p.m. on Friday, judging of the horse and pony grooming and showmanship classes begins.

On Saturday, the fair will open again at 8:30 a.m. Horse projects will be judged in the large arena and dairy in the small arena throughout the day.

At 3, 4, and 5 p.m. respectively, the home economics, general, and livestock Clover Award competitions will take place. This is the highest award given by Dauphin County 4-H to a member of one of these clubs.

The 4-H fair will close at 7 p.m. Saturday.

4-H'ers Travel to New York State

DOYLESTOWN — Eight Bucks County 4-H members traveled to Yates County, New York recently as part of the 4-H Inter-state Exchange Program.

The 4-H'ers stayed in the homes of other 4-H members in Penn Yan, N.Y., shared their 4-H experiences, and toured the surrounding Finger Lake Region.

Highlighting the weeklong visit was a trip to Niagara Falls and boat ride on the "Maid of the Mist". 4-H members also toured Corning Glass Works, Taylor, and Great Western Vineyards, and dairy and vegetable farms. Many family get-togethers, swimming parties, and picnics were held.

This was the second year of the Bucks County Yates County Exchange program. In 1982, the Yates Co. 4-H'ers came to Bucks County and stayed with 4-H families.

The Exchange trip was sponsored by the Bucks County 4-H Council. Debra Gregory, Bucks Co. Extension agent, coordinated the trip plans. The 4-H group was chaperoned by Mr. and Mrs. David Montgomery, Doylestown, who are leaders of the Buckingham 4-H Club.

4-H members who participated in the exchange were: Dawn Sames and Sue Blichas, Quakertown; Kathy Moss, Perkasie; Jessica Stevens, Jennifer Montgomery, and David Montgomery, Doylestown; Renee Mullowney, Churchville; and Denise Conway, Newtown. The 4-H members will be sharing their experiences with their respective 4-H clubs.

4H

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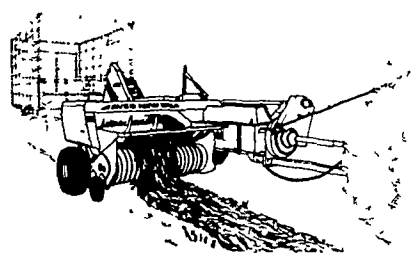

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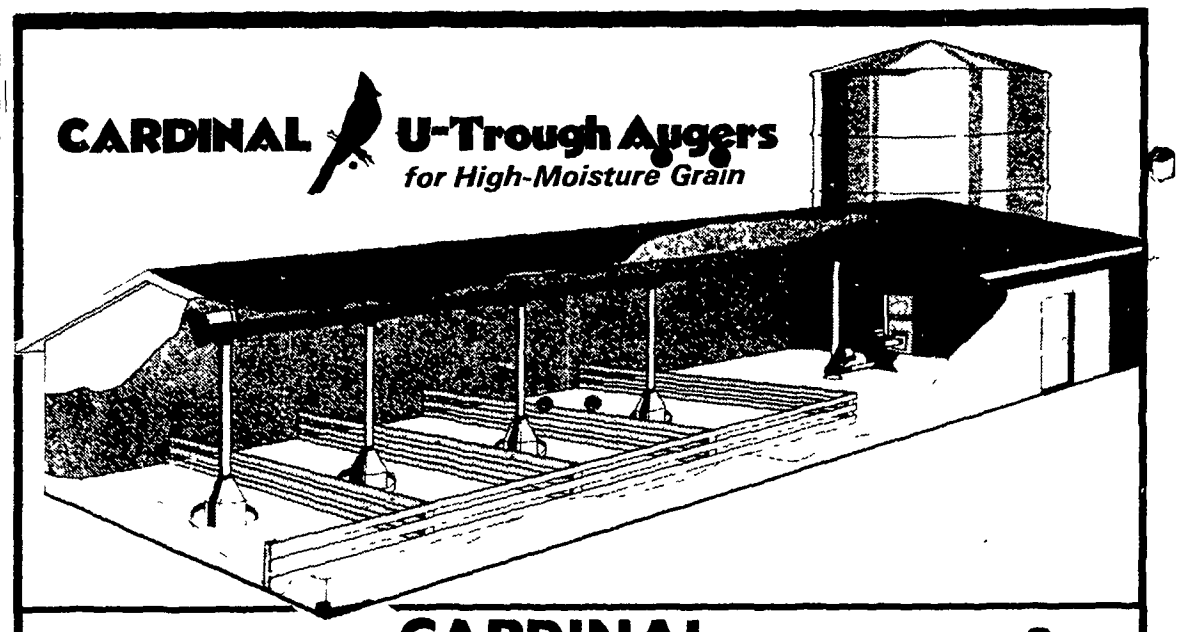

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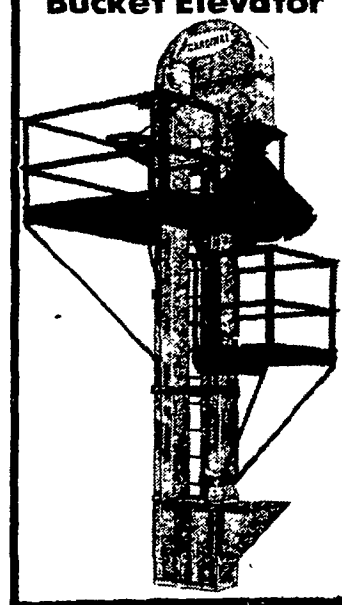

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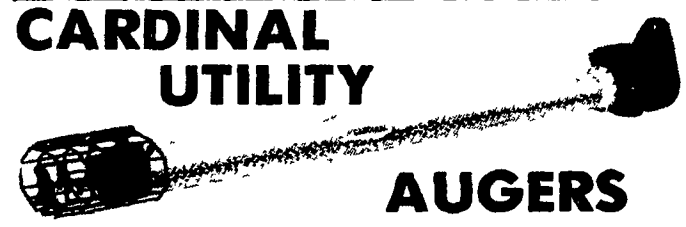

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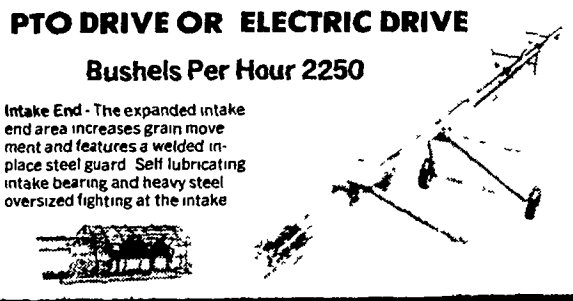

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Silver Canadius, grand champion Arabial stallion owned by Mr. and Mrs. John Christensen, of Silver Meadow Farm, RD 4 Manheim, will be among featured entries at Devon show. Several of his offspring will also appear at the Arabian Show.

Arabian show at Devon

DEVON — Five hundred of the finest Arabian horses from New England to Florida will be congregating at the Devon Horse Show Grounds along Rt. 30 in Devon, Friday and next Saturday. They will be competing for the most prestigious Arabian awards in the East.

There will be colorful Native Costume classes each afternoon and evening as well as a Free Style Liberty Class Saturday night where the spectators will pick the winner. Also Saturday evening there will be a $5000 Claiming Class for trained English and western pleasure horses. if $5000 is a bit more than you wanted to spend for a horse for the kids, a mere $1.00 will give you a chance to acquire a young gelding.

Each afternoon the clowns will present their every popular Lolipop Scramble for the youngsters. Tired of sitting - visit the midway with its variety of specialty shops or the barn area to see some of the beautifully decorated tack rooms.

Nancy Townsend recently earned honors with her Simmental heifer.

Townsend earns Simmental championship

BRODBECKS — Twelve-year-old Nancy Townsend of Brodbecks, won national recognition at the American Junior Simmental Association Summer Classic in Louisville, Ky.

In addition to showing her own Simmental heifer, Nancy earned a bronze medallion for high score in the 13 and under division, third place in the sire summary quiz, and third in the over-all contest.

Nancy, daughter of Mr. and Mrs. Richard J. Townsend, is an active member of the Maryland Junior Simmental Association.

Other Maryland juniors who competed were Jimmy Townsend, Kevin Kershner, Vance Summerhill, Jeff Stevenson, and Bill, Mindi, Stephan and Trishanne Wrightson.

Pennsylvania Junior Simmental breeders who attended were Jamie Kohr, Kevin Long, Chad Cash, Joe and Sally Messik, Amy Rynd, and Kimberly Winkleman.

Berks Co. Clubs Sponsor Fair

FLEETWOOD — The Berks County Jr. Holstein Club and the Berks County 4-H Clubs sponsored a Fitting and Showing Field Day recently at the Vista Grande Farm, Fleetwood.

Classes were as follows:

Showing - 8, 9, 10-year-olds - Scott Youse, Oley, first; Duane Stump, Bernville, second; Denise Hoch, Oley, third.

Showing - 11-12-year-olds - Jonathan Grimes, Strausstown, first; Daryl Hock, Oley, second; Kirk Sattazahn, Womelsdorf, third.

Showing - 13-14-year-olds - Gary Biczsler, Richland, first; Tammy Balthaser, Bernville, second; Susan Hollenbach, Bernville, third.

Fitting - Denise Hoch, assisted by Stacy Meyers, first; Tammy Balthaser, assisted by Penny Biczsler, second; Daryl Hoch and Linford Martin, assisted by Jimmy Younker, third.

Dale Oliver, Atlantic Breeders, served as judge.

Sugar makes a difference

LANCASTER — July and August are the months for preserving the flavors of summer's fruits. Most recipes call for sugar to help complete the process.

Did you know that the kind of sugar you use can make a difference in the color of the finished product. Beet sugar tends to brown because it's refining process is not always complete.

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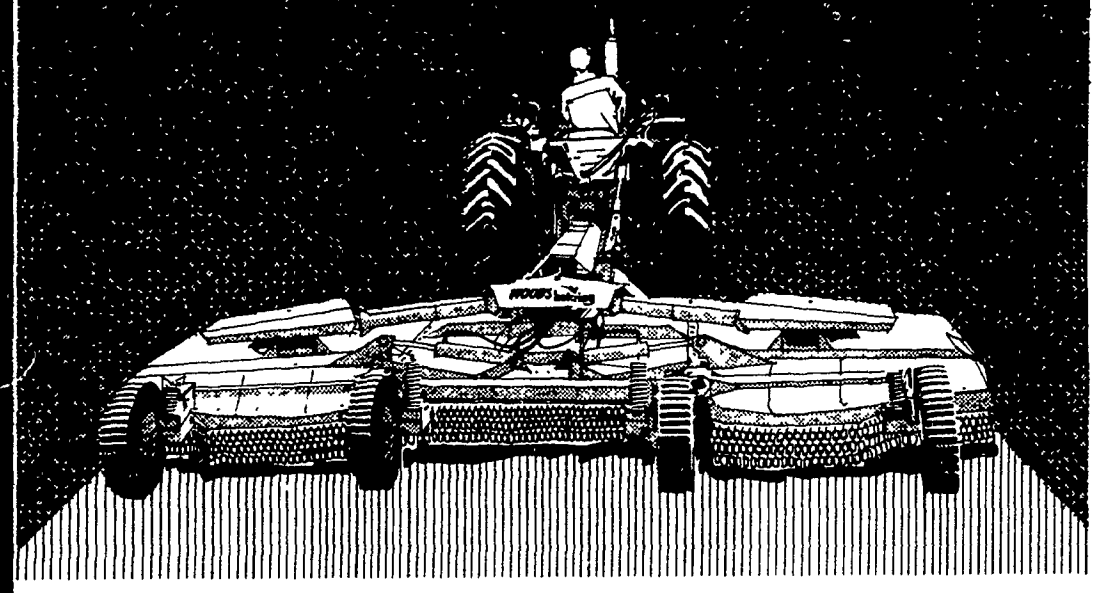

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Corn reserve released

WASHINGTON, D.C. — Corn in the farmer-owned reserve IV was released for redemption, effective immediately, by Everett Rank, executive vice president of the U.S. Department of Agriculture's Commodity Credit Corporation.

Reserve IV corn is corn placed in reserve between Oct. 6, 1981 and July 1, 1982.

Rank said this means farmers now may sell — but are not required to sell — their reserve corn after repaying their CCC price support loans. However, he said, farmers may not repay reserve corn loans that are needed for their payment-in-kind entitlement.

The reason for the action, he said, was that the national average price received by farmers for corn had reached the $3.15 per bushel release level.

Current USDA activity reports show 1.147 billion bushels of corn in reserve IV. However, a substantial quantity of this corn has been designated for the payment-in-kind program or sold to CCC under the PIK acquisition program and therefore will not be available for immediate redemption.

USDA makes storage payments to farmers with grain in the reserve. Upon repayment of the loan, farmers can keep the storage payments earned through the date of repayment.

Release of reserve IV corn will continue through Aug. 31, Rank said. If the five-day national average market price remains at or above $3.15 on Sept. 1, storage earnings will stop and interest on the price support loan will begin to accrue for corn that has been in the reserve for more than one year. Interest already is accruing on loans for corn that has been in reserve less than one year.

If the Sept. 1 price falls below $3.15, reserve IV corn no longer will be release status and farmers will continue earning storage payments.

Data used by CCC in determing the release level include five-day moving average prices -- as reported by USDA's Agricultural Marketing Service — which show prices bid by buyers at selected markets, and a month-end report of prices received by farmers issued by USDA's Statistical Reporting Service. This report shows the previous month's average price and the current mid-month price.

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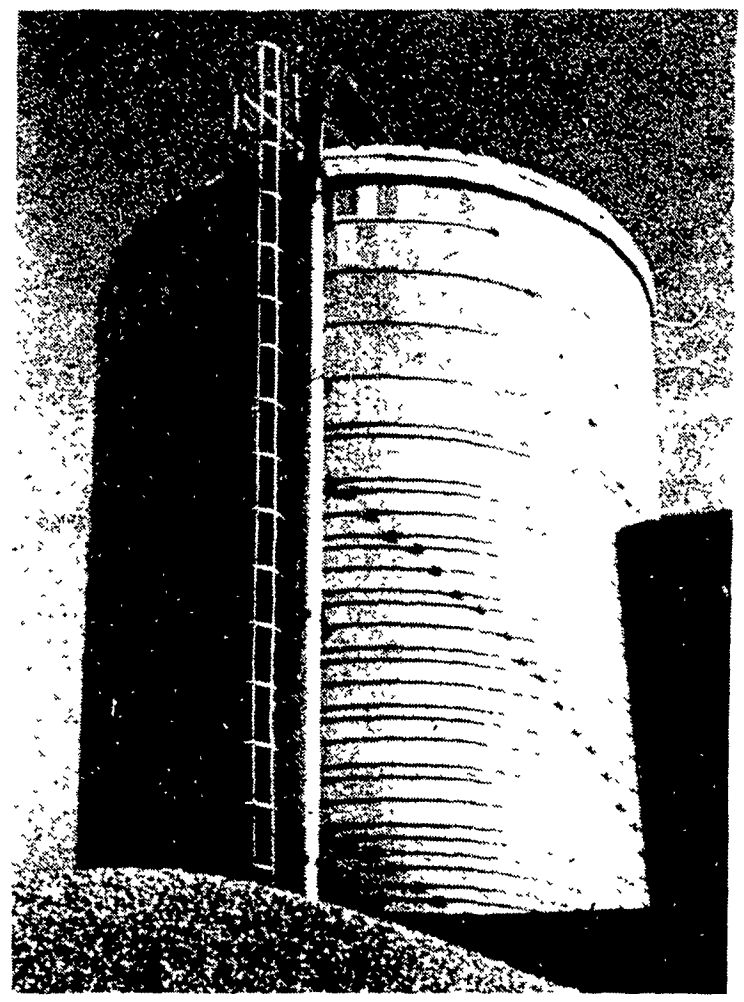

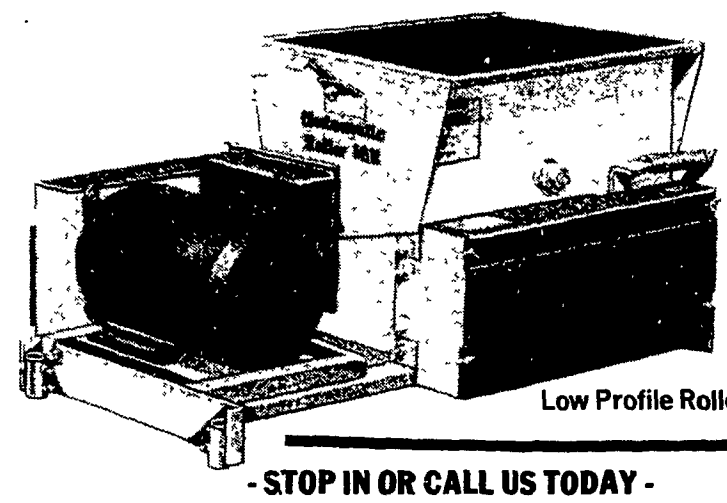

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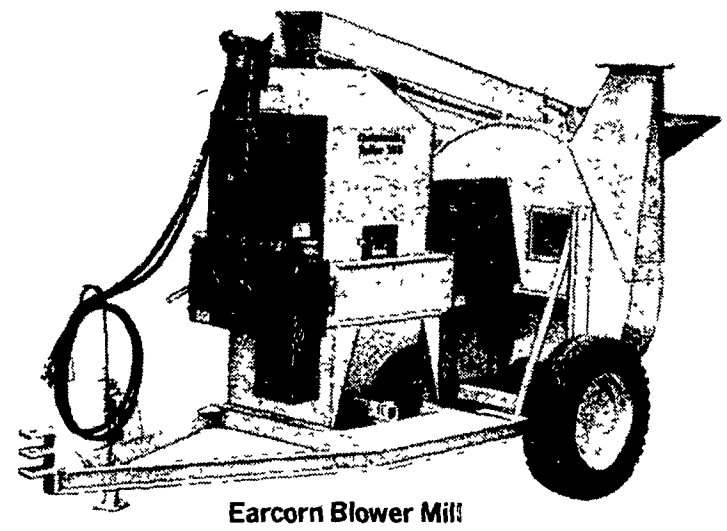
You'll be dollars ahead!



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The Dairy Business

By Newton Bair

Farmers have experienced several generations of "good times". We have become accustomed to thinking that these prosperous times are normal, when they actually have been quite unusual as compared to the long term past.

The size of farms has grown, productivity has increased greatly, and there are fewer farms and farmers. This adds up to both higher potential profits and also higher risks for the ones that are left.

The productivity of each man on the farm has increased, largely due. to specialization. This increased efficiency is passed along to the consumer in the form of higher quality and moderate prices for food. But the burden of added risks in the form of high capital outlay must be borne by only three percent of the people who produce food. You are one of those!

How To Reduce Risks

Bigger isn't always better! We hear that over and over these days, and yet the trend continues in that direction.

Let's look at some ways to convince ourselves that it is possible to increase profit without greatly expanding the farm operation, which would only increase the risks.

First, manage what you have with greater skill and care. The cost is low and the payback is all profit. Expansion always requires heavy borrowing and thus more spending.

1. Feed more economically—test your forage and balance the rations.

2. Increase crop production—follow soil tests and proven current crop practices; use only tested crop varieties and modern chemicals.

3. Control diseases in the herd. If you are not already doing it, get on a regular testing program for mastitis, T.B., *Brucellosis*, and Johnies.

4. Maintain animal health and comfort—provide adequate ventillation, shade and water for the cows. Make sure that the milking system is as near perfect as possible.

5. Test for production. DHIA, DHIR, AM-PM, OWNER-SAMPLER, who cares, but test and use the records to exceed the county averages.

Don't even think of expanding unless you are already exceeding the efficiency and production levels of your neighbors.

Reduce Farming Risk

Now we all know that it's nearly impossible to get rid of all risk in farming. Even if we could, it wouldn't be a good idea - it would take all the fun out of farming! That little element of risk in farming serves to satisfy the gambling instinct that we all seem to have.

But there's no use in pushing it to the limit where it is hard to sleep at night. Keep the risks in the manageable region, where they are affordable.

Successful farmers save a nest egg in good times and invest the savings as a cushion against the poor times. Strive to build some equity in reserve cash, livestock and moneymaking equipment. (Note that term "moneymaking"). Some equipment may never make money, and would be more profitable to rent or custom hire.

Equity in real estate is only sound if the land can produce an annual cash flow to sustain borrowed debt. In todays economy, we can no longer depend on inflationary values to increase land value enough to make a profit, unless you can find a rare bargain.

Lastly, reduce the risk in farming by investing in an adequate Insurance program against disasters, including fire, wind, crop failure and of course, accident and death.

Every day is a gamble in farming, and I guess that's one of the reasons it appeals to us—we always hope to come up a winner. So it behooves us all to stack the cards in our favor as much as possible by eliminating those risks we have a little control over.

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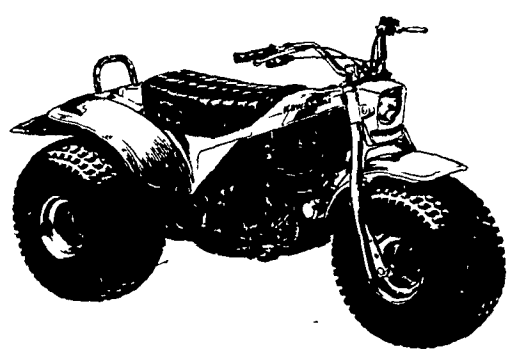

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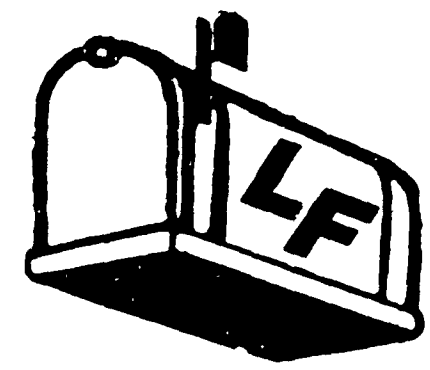

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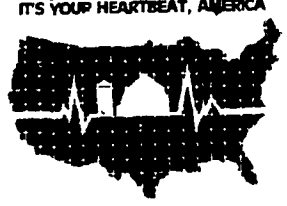

FARM EQUIPMENT

Wanted to buy - front end loader to fit IHC 240 utility tractor. 717-687-0102.

Mich. 75 loader, gas power, excl. cond., good tires, front & side dump bucket. Bucks Co. 215-297-8354.

Wanted - 3 row wide Fox corn head, 717-529-2538.

Minneapolis Moline G1000 diesel, cab and air. 814-793-4293.

'69 450 Case crawler loader parts (good bucket $350). Two 450 Case crawler sprockets, 80%, $200. Gary Diehl 215-345-6487.

Vermeer round baler, used model 1500 Gehl round baler. 412-423-4076.

1086 IH w/cab and air, 4440 JD w/cab and air, 4430 w/cab and air, 4320, 4020, JD skid steer 170, Case skid steer 1830, new and used forage boxes w/bale throw racks, MF 510 combine, 15' grain table, 4 row corn head. 717-547-2387.

Wanted - used grinder-blower for ear corn, in good condition. 814-267-3724 between 7 & 9 PM.

Irrigation System, 1000 gallon pump 8x6 - 4x40 + 6x40 pipe - 18' Brillion transport harrow - 12' Brillion packer - 14' Case disc. Trenton, NJ 609-259-2802.

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FARM EQUIPMENT

For Sale - 1980 AC gleaner, L2 corn plus, 400 hrs. on separator, 6 row narrow corn and 15' grain head, excell. cond., covered storage, $59,000, Warren Co., 201-753-5313.

For Sale - (New) NH 256 roller bar rake, $1850, 717-768-3197.

For Sale - JD 7700 Combine. 301-885-2450.

2155 Hawk Bilt flail tank spreader, like new, $2700. 717-776-6203.

Wanted - Caterpillar blade and hydraulic setup for 7UD4. 814-793-4293.

JD 3010 diesel. 814-793-4293.

Oliver 1800 diesel, wfe, exc. cond. 814-793-4293.

JD 720 diesel, wfe, 3 pt. 814-793-4293.

David Brown 1200 Diesel w/loader, 814-793-4293.

JD 4630 Diesel, dual hydraulics, 814-793-4293.

Minneapolis Moline 950 diesel, excellent condition, 814-793-4293.

Oliver 2050 diesel dual hydraulics, original paint, low hours, 814-793-4293.

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Knight model 500 spreader, in excellent cond., 717-872-9152 daytime, 872-2579 evenings and weekends.

COMBINES - Oliver 545 w/4 row CH and 12' grain head, 2 Oliver 5542 w/12' grain heads, all in running condition. State College. 7 AM-6 PM 814-238-0133. After 6 PM 814-237-1464.

Wanted - burned or fire-damaged combines and tractors, prefer JD, will pay cash. For offer call 215-756-4341.

The following categories are available for your classified advertising in Section C. Deadline-Thursday morning at 9 of each week's publication

- ☐ Farm Equipment
- ☐ Silos & Unloaders
- ☐ Buildings & Supplies
- ☐ Grain Equipment
- ☐ Dairy Equipment
- ☐ Livestock Equipment & Supplies
- ☐ Cattle
- ☐ Horses & Mules
- ☐ Sheep & Goats
- ☐ Swine
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- ☐ Miscellaneous
- ☐ Computers

The following categories are available for your classified advertising in Section B. Deadline-Wednesday afternoon at 5 of each week's publication.

- ☐ Real Estate
- ☐ Trucks & Trailers

FARM EQUIPMENT

H Farmall with cultivators, 449 4 row IH corn planter, Chattanooga 11' cultipacker, Athens 7 or 9 tooth two row chisel, loader for IH 06 or 56 series or equip., Antique four blade stalk chopper. Harford County, MD 21161. 301-996-2924.

IH 21x7" soybean special drill w/double disc openers, dual rib press wheels w/depth control, $3,500. 301-272-3636 day, 301-272-2620 night

JD 60 new rubber, very good condition, $2000. 215-356-5305.

For Sale - JD 3690 forage harvester, like new, all hydraulic, 2 row 30" snapper head for high moisture ear corn, 3 recutter screens. 301-875-2250.

For Sale - 1956 Hough 4 wheel loader, model HO22A, $6,800. Myers 500 gallon double blast ag sprayer, mounted on Reo 6x6 army truck, $8,500. 34' Fruehauf self-contained live bottom trailer, $1,900. 2 Smitley range feeders, 4 ton capacity, one good $400. 717-473-3031 8-5 PM 717-473-3852 evenings.

IH, 1066, Excellent Condition, $9,850. 717-284-2761.

For Sale - Hesston 12' Hydro swing haybine, good cond., 215-944-0791.

7720 JD combine, 16' platform, 643 corn head, 4WD, straw chopper, 30.5 drive tires, new belts, chains and sprockets, 1300 hrs. 301-778-5255 eves.

For Sale - 325 bu. N.I. Spreader, hyd. tailgate, top beater, pan, new web 1 yr. ago $2950. Snyder Co. 717-374-8750.

3300 JD combine, like new, 427 hours; JD 38 harvester w/pickup. Good condition, 814-926-3669.

Old two cylinder John Deere fly wheels rebuilt with our patented steel draw in hub which has the ability to tighten up on new or worn crank shafts. Also available new manufactured unbreakable fly wheels. Allen Machine Works, RD #7, Jonesboro, Tenn. 37699, 615-753-5738 day or night.

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LANCASTER, PA. 17601

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WE HAVE NOT INCREASED OUR PRICES SINCE FALL OF 1981.
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"SUPER" SPECIAL:
1 - 24x75 LANCASTER SILO COMPLETE (5 YEARS OLD)
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BOTH UNITS INSTALLED $19,000.00

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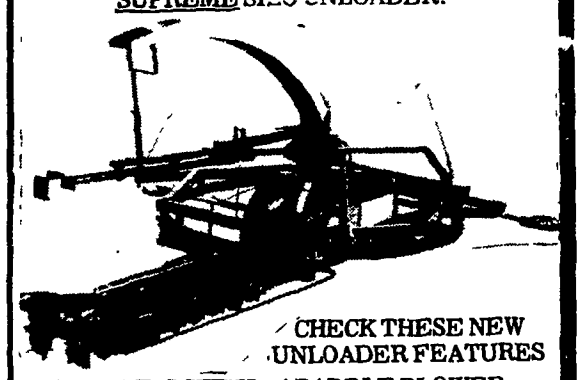

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STAINLESS STEEL SPOUT LINER
STAINLESS STEEL SHIELD COVERS
STAINLESS STEEL AUGER COVER

SUPREME RING-DRIVE OR SURFACE DRIVE UNLOADERS IN STOCK.

AT THE HEART OF EVERY "TURBO" UNLOADER-28" STAINLESS STEEL BLOWER. STAINLESS STEEL PREVENTS PLUGING AND GUMMING OF WET STICKY HAYLAGE.

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TRACTORS
AC 7050 PS, w/cab
AC 7040 PS, w/cab
AC 7020 PS, w/cab
AC 190XT D w/cab
AC 185 D
AC WD45
AC WD
AC HD3 Crawler w/dozer blade
Ford 901
Oliver 550
MM G1000 D
MF 1105 D w/cab
MF 50 D
MF 30 w/loader
Case 630 w/loader
Case 300
IH 986 w/cab, air, only 1400 hrs., EXCELLENT!
IH 560 D
IH 460 D
Farmall 400
JD 4020 D
JD 4010 D w/PS
JD 4010 D
JD 3020 G w/PS
JD 2010 D
JD 60
JD 50 w/3 pt.
JD A Cyclone
JD B
JD MT

COMBINES
Gleaner N5 w/15' floating grain & 630 corn heads
Gleaner MKS w/13' grain & 630 corn heads
Gleaner C11 w/13' grain & 438 corn heads
Gleaner All w/cab & both heads
Gleaner All w/12' grain head
Gleaner E w/cab & both heads
MF 300 w/11' grain & 238 corn heads
IH 315 w/cab, grain & corn heads
NH 975 w/11' grain & 238 corn heads
NI Uni-System 702 w/717 combine, 4-row corn head
NI 767 Chopper w/702 2-row Corn head & 761 Pick up Head
JD 8820 w/950 hrs., cab, air & heat, 15' floating grain, 830 corn heads, like NEW!
JD 55 Super w/cab, 12' grain & 330 corn heads
JD 55 w/12' grain & 338 corn heads
JD 45 w/both heads
JD 45 w/grain head

BALERS
AC 443
MF 10 w/Thrower
IH 56 w/Thrower
(2) IH 440 w/Thrower

HAYBINES
(2) NH 469
(2) NH 479
NH 461
Hesston 110 Self Propelled
AC 904

TILLAGE
AC 2000 5B Semi-mt. Plow
JD 7B On Land Auto-reset Plow
Oliver 6B Spring Trip Plow
(2) AC 80 Series 4B Mounted, 3-pt. Plow
Brady 10 Tooth Chisel Plow, w/gauge wheels, like new!!
(2) AC 2300 Disc Harrow-15' Fold up
JD 13' Transport Disc
JD 11' Transport Disc
IH 13' Transport Disc
Brillion 12' Cultimulcher-like new!
JD 10' Cultimulcher
Vicon 14' Power Harrow, DEMO-Special price!

MISC.
(2) Weaverline 223 Electric Feed Cart, 24 BU.
(2) Weaverline 330 Electric Feed Cart, 30 BU., like new!

JULY SIZZLER

12 USED COMBINES, 29 USED TRACTORS IN STOCK.
Units cut Thousand$$$ of Dollar$$$.
Call Today --- We'll Consider All Reasonable Offers.

(2) NH #8 Chuck Wagon, 3 beater w/roof, 8-ton running gear & flotation tires. NEW UNITS!!
NI Uni-System 802 Diesel w/cab, air, 4-wh. dr. w/767 Super Chopper, Model 768 3-row Corn head & Model 766 Pick up Head-6 ft. NEW UNIT!!

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RD4, Lebanon, PA (Fontana) 717-867-5161 or 717-867-2613

Mon.-Thurs. - 7:30-5:00; Fri. - 7:30-8:00; Sat. - 7:30-4:00

New Idea Gehl Brillion | Hesston Bush Hog Glencoe | Wic Kilbros Gilson Toro | Trustworthy Hardware! The Problem Solvers

OUR DUTCH AUCTION IS BACK!

USED EQUIPMENT	STARTING PRICE	DAILY REDUC. (except Sunday)	PRICE 8/1/83
Gehl 87 Hopper Blower	$592 00	$2.00	$330.00
IH 56 Hopper Blower	$1194 00	$3.00	$801.00
IH 55 12 tooth Chisel, Pull	$2352 00	$4.00	$1828.00
Ford 2 row 3 pt. cultivator	$390.00	$1.00	$259.00
AC 4 row 3 pt. cultivator	$932 00	$3.00	$539.00
NH 770 Harvester 2 row Narrow Head, Electric Controls Pickup Head	$5951 00	$5.00	$5296.00
NH 676 Tandem Axle 285 Bu. Spreader w/tailgate	$3254 00	$5.00	$2599.00
Ford 142 4x16" Automatic Reset 3 pt Plow	$1976 00	$4.00	$1452.00
IH 449A 4 row Corn Planter	$694 00	$3.00	$301.00
Roteria 10 ft. Power Harrow 3 pt	$1995 00	$3.00	$1041.00
729A Uni Sheller	$3750 00	$5.00	$2160.00
NEW EQUIPMENT			
Bush Hog Chisel Plow 8' 8 tooth 3 pt 3 bar w/gauge wheels	$1992.00	$5.00	$1337.00

Used Equipment

IH 45 16' Field Cultivator
Brillion 12½' Field Cultivator w/Buster Bar
IH 710 auto reset 6x16 plow
Ford 152 auto reset 5x18 plow, ex. cond
Brillion 8' Alfalfa Seeder
Bush Hog 305R 3 pt. Rotary Chopper, heavy duty
Oliver 11' transport Disc
Brillion 10' Mulcher
NH 765S Tandem Axle Spreader w/hyd. gate
NI 218 8 ton Spreader, top btr and hyd gate
NI 324 Picker w/8 roll bed
NI 8 h p. electric tractor, new batteries, priced to sell.

We Have Field Run Rye Bulk or Bagged

New Equipment

Hesston 4600 Bee Line Baler
Hesston 1091 Windrowers
Tye 10' No-Till Drill Available for Rent
NI #565 Bale Thrower
Gehl #4600 Skid Loader (Demo)
Kilbros #350 & 375 Gravity Bins
Bush Hog #206R 6' rotary chopper
Bush Hog #207R 7' rotary chopper
NI #245 Manure Spreaders
Little Giant #21 34' and 38' Elevators
Schuld Bushnell 4.7 ton Feed Bin
802 Uni w/power assist, 818 Combine and 813S
13' Grain Platform
802 power unit w/838 husking bed & 844 NCH

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975 S. Main St. Chambersburg, PA

Badger (717) 264-3533 (717) 597-8811 (717) 532-8800 AVCO NEW IDEA

USED TRACTORS

Waiver of finance on used tractors till 9/1/83 with approved credit.

IH B
IH 826 w/ROPS
IH 340
IH 656 Dsl. w/2000 Loader
IH 504 w/Loader, nice
IH 2500 Industrial Tractor w/Loader
IH 2500 Tractor/Backhoe Loader
IH 1586
IH 674 Tractor
IH 706 Tractor
IH 656 Gas Farmall Tractor
IH 200 Farmall
IH 756 Diesel Tractor
IH 2250 Loader
IH 460 Gas
IH 706 Dsl. tractor w/310 Motor
IH 1066 Tractor w/cab, 2050 hrs.
JD 4010
JD 60
JD 70 Skid Loader
#10 Hydra-Mac Skid Loader
Hydro 100 Diesel Tractor w/2350 Loader
1976 Chevy C60 Truck w/18' Bed, 350 Engine, 57,000 Miles

HARVESTERS

Fox 546 Fg. Harvester
Fox 3300 w/2R Narrow Corn Head
Fox 249 Snapper Head
Fox 1000 Fg Harvester
NH #818 Fg Harvester
IH 650 Fg Harv 2R
IH 555 Fg Harvester
Brady 608 Flail Chopper
NH #36 Flail Chopper
IH #5 Flail Chopper
Papec Harvester w/2R Head & Pickup
NI #330 3RN picker
IH 650 Harvester

SPREADERS

NI 224 Manure Spreader
NI 218 Manure Spreader
NI 214 Manure Spreader
NI 213 Manure Spreader
NI 212 Manure Spreader
Hawk Bilt 205
Badger 3000 gal gal. Liq. Tank Spreader
Clay 1500 gal Vac. Tank
NI 214 Flail Manure Spreader
Hawk Bilt 357 Spreader
Hawk Bilt 207 Spreader
IH 595 Spreader

MISCELLANEOUS

3 pt Stack Mover
Jamesway 60' Belt Feeder
KW Loader for IH 284
Boyhill 300 gal Sprayer
Hesston #10 Stacker
Better Bilt 12' Manure Pump
Badger 26' Conveyor
IH 2250 Loader
Demco 500 gal Sprayer
IH 1150 Grinder-Mixer
NI 330 3R Pull Picker
NI 325 2R Picker

HAY EQUIPMENT

IH 440 Baler w/Thrower
IH 47 Baler w/Thrower
NI 279 9' Cut/ditioner
IH 990 9' Windrower
IH 225 SP Windrower
Hesston 320 AP 9' Windrower
JD 5' Rotary Mower - Excellent
NH 27 Blower
IH 56 Blower
Oliver Rake
JD 640 Rake like new
IH 990 7' Windrower
Kools KB 54 Blower

TILLAGE EQUIPMENT

IH 710 4x16 Plow Reset
IH 720 5B 20" Plow
IH 700 5x16 reset Plow
IH 311 Plow
Oliver 3x14 3 pt Plow
Case 4x16 Reset Plow
JD 5x16 Reset Plow
Case 8' Disc Offset
IH 9A 9' Disc
IH 19B Disc
Kewanee 13'6" Wheel Disc
Athens 12'11" Disc, Like New
JD KBA 12' Disc
IH 53 4 Row Cultivator
Niemeyer Power Harrow

GRAIN DRILLS

IH #10 Grain Drill, nice
JD 13x7 Grain Drill
JD 17x7 Grain Drill

NEW IH 16' Fg. Wagon, Roof, 3 Btr., 12 Ton Chassis w/Tines $5,995

WAGONS

JD 214 fg wagon
Coby 14' wagon w/rear unload
VanDale 185 Mixer Wagon w/Scales
Coby 4000 Fg Wagon
Grove Fg Wagon w/7 Ton Gear
Grove 14' Fg Wagon
Badger Fg Wagon w/Tandem Axle, Roof
NI 603 Fg Wagon
Badger 16' Fg. Wagon
IH 110 Fg Wagon w/Tandem Axle
IH 110 Forage Wagon

NEW IDEA UNI EQUIPMENT

705 Power Unit
840 Feeder House
818 Combine
767 Forage Harvester
713 Platform
744N 4 Row Corn Head
844W 4 Row Corn Head
770 Ear corn Adaptor
767 Forage Harvester
710 Combine
729 A Shelter
770 Feeder House
324 Picker

COMBINES

IH 915 Combine w/6R Corn Head
IH 715 Combine w/4R Corn Head
IH 205 Combine w/13' Platform
IH 843 4 Row N. Corn Head
IH 76 Combine
IH 303 Combine w/13' Platform
Case 660 Self-Propelled Combine
Oliver #40 Self Propelled Combine

COMING IN...

Hawk Bilt 357 Spreader

Nothing runs like a Deere

USED MACHINERY

TRACTORS:

JD 2640 w/Hi-Lo, new tires, ex. $13,000
Farmall WF $1500
Coming In...
JD 4240 w/Roll Guard and Canopy, 1075 hrs. Q.R. w/20.8x38 rubber, excellent

COMBINING:

JD 4400 gas, 1400 hrs. nice $12,000
MF 510 Diesel w/4RN & 15' Platform $11,000
JD 443 Corn Head $6800
JD 215 Rigid Platform . . . $4300
JD 205 Corn Head $500
JD 444 Corn Head, new style $7800
JD 643 Corn Head $7500
JD 7700 Diesel w/new engine $13,500
JD 660 Side Hill 1977 w/1600 hrs., exc. . . $38,000
NI 702 Uni System w/3RN C.H. and 729 sheller . $9000
Straw Chopper for 4400 combine $200

PLANTERS:

IH 56 4R Disc Openers. . . $1900
JD 7000 6R No-til, Dry & Monitor $8000
JD 7000 4R No-Til, liq. Fert. & Monitor $6400
JD 1240 4R Plateless Dry Fert. and Insect. . $1800
JD 694 Dry Fert. w/Gandy Fert. Boxes. $600

HAYING:

IH 1290 Mow. Cond. 12'. $2100
NI 299 9' Mower Conditioner $2900
IH 225 SP Windrower, excellent. $4350

TILLAGE:

MM 5x18 Reset Plow $2400
MM 5x16 Reset Plow $1900
JD 2x14 3 pt. Plow $425
JD F325 3x16" Hydraulic Reset Plow $1100
Oliver 4x16 3 pt. Plow $750
Pittsburgh Semi-Mtd. 4x16 Plow. $950
Coming in
(3) 2B 3 pt. Hitch Plows

FORAGE:

JD 3800 Long Tongue for parts $1100
Gehl Chop-All 2R and Pickup $1200
Gehl Chop-All 1R and Pickup $1000
Fox FA w/1 Row Pickup DC $600
IH Pickup Head for 650 Harvester $500
Fox Sp w/2R Narrow Snapper Head 2R Narrow Corn Head & Pickup $9200
(2) IH 110 Wagons w/roof and 3 btr. $2850

MISCELLANEOUS:

IHC 1 PR Picker $1000
Cozy Cab for JD Utilities $1200
IH 16x7 Drill $1285
NI 325 Picker w/8 Roll Husking Bed and Sheller Attach $6250
1982 JD 550 Sprayer 40 Boom, Hyd. Pump . . . $3600
(5) Used Flail Choppers 5 & 6 Ft.
(11) Lawn and Garden Tractors $375 and up
Brillion 12' Cultipacker . . . $600

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FARM EQUIPMENT

Farmers & Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164

Combine, Harvester and Corn Head Parts For Sale off used machines. Wenger's. 717-866-2135.

Farm tires and tubes, fronts, rears and implements, low, low prices, Eddie's Tire Outlet, Willow Street, PA 717-464-5008 or Chambersburg, PH: 717-263-0013. Wilmington, DE 302-655-8500.

Used Farm Tractor Parts by the thousands. Wenger's. 717-866-2135.

Used sawmills for sale. We buy and sell. Leroy Wray, R.D. 1, Douglassville, PA 19518. 215-385-3884

Nicholson Hay Tedder
Grimm Hay Tedder
NH 55 Hay Rake
NI 751 Crusher
NH 450 3 pt. mower
Mc corn binder, gr. dr.
(2) Mc corn binders, PTO
IHC 100 7' Trailer Mower
(2) #9 Mc Silage Cutters
TOM WHEARY
Lancaster, Pa.
717-687-0102

JD 250 gallon sprayer, $500; Mott 5' Flail Mowers $550; NH 450 7' Sickle Mower; Case 3 bottom plow. All 3 pt. hitch. 717-687-0102 Lancaster County.

Chisholm - Ryder snap bean harvesters, all machines complete w/hyd. dump boxes, recond. and painted, 609-769-3183.

JD 5 btm. plow, hyd. reset. 717-637-0192.

For Sale - JD 224 baler w/thrower, $800. JD 640 roll-a-bar rake w/rubber mounted teeth, $700. 215-593-6127.

1982 Ford TW10 tractor w/700 hours, cab, heat and air, 16" 5 bottom plow, 14' disc; 1973 MF model 510 combine w/15' grain head; 1981 MF 12' grain drill. 609-589-1221 after 5 PM.

M.C. late-model 7E rotary scythe w/65HP engine, like new. Wanted - Weeder w/ grass seed attachment. Abram Beiler, 128 Fieldcrest Lane, Gordonville, PA.

For Sale - Farmall Super AV w/cultivator, good condition, Cumberland Co. 717-776-6625.

Discontinuing dairying selling 886 Int. tractor, fully equipped, cab, air, etc., 500 hrs., $19,500. Terms possible. 304-263-2976.

Woods rotary mower, 10', pull type, with cylinder, excellent condition, $1900. 717-249-2300.

Used Grove chuck wagon, $750; 2000 IH manure loader, bucket and fork, $1200. 717-284-4601.

For Sale - JD 350 diesel loader, w/ROP, very good condition. 717-626-5678.

AC 130 HP tractor, cab, air, power shift, 1000 hours. 4 & 5" Champion irrigation pipes and Hale pump. Farmall Super A, Oliver 66, MH 44 G, AC tractors for parts, tobacco lathes. 717-733-8708.

Case 960 combine with cab and 13' header, Columbia Co., 717-356-7482.

SMALL COMBINE, PERFECT SHAPE. 1970 CASE 10' GRAIN HEAD. 4-CYLINDER GAS. THIS COMBINE HAS NEVER SPENT A NIGHT OUT OF THE BARN AND USED VERY LITTLE. $5000. ALEX CAMERON 215-376-7191 DAYS 215-926-4051 EVENINGS.

1978 Meadows sawmill 52" saw 15' carriage 4-hdblk. 45' ways, Cummins power unit, offbear belt, sawdust drag, Cornell auto. slabsaw with Wisconsin power unit, 24' elevator. Setup and working. Perfect condition. Poor health reason for selling. $15,000. 717-248-1827.

For Sale - JD 16A 6' flail chopper $600. 5 all wooden calf hutches $40. each. 717-677-8881 7 thru 10 evenings.

For Sale - complete irrigation system with 4000 feet 6 inch pipe. Everette Habron, St. David's Church, VA 703-459-3682.

For Sale - TD 6 parts steering clutch $200; Hydraulics blade $350; engine $250; gears $200; idlers $100. 215-445-4955.

IH 666D hydro, dual remote, ind. PTO, 16.9x38 Goodyears installed in '82, 1656 hrs., clean, excellent condition, $7950. 301-535-1562 7-8:30 AM or 8-11 PM.

For sale - Int. #56 silage blower; JD #47 loader; Centerville gooseneck for 20' silo. 215-383-6818.

MF 205 Diesel tractor, 325 hours, like new, 717-235-2786.

FARM EQUIPMENT

For Sale - Jaeger 5x4 irrigation pump. Also pipe sprinklers and accessories. 717-799-5306.

Mc. #9 cutter; Gehl CB600 harvester; Mc. PTO corn binder; Nicholson tedder; NH rakes; NI 752 crimper; NI and Farmer elevator; Vicon spreader seeder; NH 404 crimper. Sam K. Zook, Coopers Drive, Kirkwood, PA.

Grain and fertilizer drill, 1881 Hand thresher, Lebanon; 1950 Emerite pump. 717-264-8370.

IH 560 G, many new parts; IH 411 plow; IH grain drill, 13 row. Call 609-586-2869.

For Sale - Oliver 1550D tractor, WFE, 65HP, completely rebuilt, Berks Co., 215-944-0222.

510 MF diesel combine, 13' grain head, air, quick-tach, excellent running condition, $11,500 or best offer. Baltimore County, MD. 301-343-0101.

JD 4020 Diesel, WFE, power shift, roll cab, weights, nice cond., ready to work, 717-532-8363.

Rebuilt VG4D Wisconsin engine, $795, 717-247-7858.

Farmall Super C, hydraulics, 3 pt. hitch, cultivators, new paint, lights, exc. condition, $2000. 717-529-6531.

For Sale - JD 7700 Combine, 301-885-2450.

JD 4020 diesel, wide front, very nice condition, will sell with or without cab. 717-532-7054.

10' Brillion double seeder for alfalfa and small grains, $1000. 2 row JD cornplanter, $300. 2 bottom JD plow, $225. Bearcat cultimulcher, $250. 201-329-2765.

NH hayliner baler, model 273, flotation tires and sweep tines; IH plow, 16" 3 bottom, 3 pt. hitch; JD 3 pt. hitch 5' pull-type mower. All excellent condition and minimum use. Best offer. 215-269-1144 or PO Box 52, West Chester, 19380.

1976 Gleaner M-1900 hrs. with 13' grain head, pickup reel, hyd. reel lift, A438 "Black" adj. corn head now set at 36", $16,900. 814-438-2794 or 3540.

Wanted - JD #22 hay conditioner, excellent condition, state price and condition. Bennie N. Fisher, Star Route, Box 37, Springs, PA 15562.

Quitting my grain operation, have full line of farm machinery to sell including: MF 205 SP combine in perfect shape; MF 510 combine w/13' grain head and 4 row wide corn power head, good shape; NI 710 unisystem w/3 row corn head, exceptional condition. Realistic farmer prices. 215-384-4140.

FARM EQUIPMENT

FOR SALE: MISC. FARM EQUIPMENT, 7-TOOTH CASE CHISEL PLOW WITH BUSTER BAR, 12' BRADY FIELD CULTIVATOR, CASE 12' DISC, AC SICKLEBAR MOWER, MF 25 DISC HARROW (small for 25-40 HP tractor, 3-pt.), CASE 660 COMBINE WITH 10' GRAIN HEAD. Call Alex Cameron 215-376-7191 days, 215-926-4051 evenings.

IH 715 diesel combine, 675 hours, 36"-40" four row corn head, 13' grain hume reel, hydraulic drive, 23" tires, air condition/ heater/ hydrostatic drive 25,000. 717-637-1232 extra good condition.

Wanted to buy, IH 550 forage harvester for parts, Lebanon, 717-272-5089.

2745 MF tractor, 1000 hours, duals, air, $22,900 also all steel hay rack wagons, $975. 717-369-3670, 717-369-2637.

IH 4130 skid loader, very good condition, $4900; IH 504 industrial utility tractor, low hours, $3900; IH model 200 1974, T-tag dump truck, fair condition, $2250. Call 8-5 717-925-2201 Neil S. Harrison, Inc., Benton.

GM Diesel Generator 50 KW 220V/440V 3 phase 115V complete with auto-changeover panel run approximately 250 hrs. Priced to Sell. Call 215-376-8111 S. Feeney for details.

For Sale - 1978 John Deere model 6600 combine, side hill, 1550 hrs., with 643-6 row corn head and 215 grain platform, Tross Terrains, Inc. Box 511, RD 3, Sunbury PA 17801, 717-286-6411 or 717-286-0215.

Beautifully restored 1909 Columbus freight wagon w/spring seat. C. Paul Bailey, RD#1, Box 228, Mansfield, PA 16933. 717-662-3302.

JD 4400 combine, gas engine, w/15' grain head, $9500 or best offer. 201-359-5934 evenings.

MF T035 diesel tractor; MF 235 diesel tractor; 72 HP diesel tractor; 48 HP diesel tractor; NH hay wagon; NH 9' haybine; Vermeer 605C round hay baler; JD 1010 backhoe and front end loader; new 5' Bush Hog. 703-882-3573.

GEHL Equipment at closeout prices. 717-784-0250.

Deutz 100-06 late model, 2300 hours, twin outlets, excell. cond., $9200, make offer, Lancaster Co., 717-426-2659.

For Sale - JD 2010 diesel, wide front end, recently overhauled, new paint. Lancaster County 717-354-8933.

FARM EQUIPMENT

1972 White 10 wheeler bulk feed truck, excellent condition. 301-475-2139.

Stack hand Hesston stacker, very good condition. 7000 AC tractor, very good condition. 717-328-2297.

For Sale - Irrigation pipe 4" and 5"; 3 big guns #102 and some small sprinklers 717-328-5414.

Wanted - two Cole #12 garden planters, prefer tool bar mounted, Race Farm, Box 30, Blairstown NJ 07825, 201-362-8151.

IH B275 Diesel, 38 HP, 3 pt., wide front, excell. cond., $2950, Chester Co., 215-469-9021.

For Sale - New NI 41'8" auger, PTO driven, $1800. 190XT AC w/cab, excellent, w/NI loader, $7600. Andover, NY 607-478-8934.

Quitting farming sale - JD 3020 G, tractor, wide front; IH plows, four 16"; IH 91 SP combine, 10' grain head, wide corn head; JD drill 13-7; 6"x26' long Mayrath grain elevator. All in excellent condition. Northumberland County 717-538-1341.

Ag-Bag machine w/elevator; NH 846 round baler. Call after 8:30 PM 215-347-2309.

NI (new) 323 corn picker $5600, NI (used) 323 corn pickers $2200 to $3500; NH (new) 310 engine baler, super sweep, chute, wagon hitch $5950; McCormick corn binders (PTO) good cond. $500 to $800; NI 752 crimpers (orange top) $400 to $650, Pequea Machine, 3230 E. Gordon Road, Gordonville, PA 17529, 717-768-3197.

JOHN DEERE

USED EQUIPMENT
MF 1155 Tractor
INT. 475 DISC
JD-BW DISC
JD 4020 Tractor w/cab
MOTT MOWER - 48 In.
JD 54 Manure Spreader
JD 494A Planter
JD 694A Planter
JD 4400 Combine
JD 105 Combine
JD 7000, 8 row, 30" corn planter w/Liquid Fertilizers and Monitor
JD 1250 corn planter
Oliver 5x16 Plow
JD 1250, 4 btm. plow
1-JD AW disk harrow, 14'

NEW EQUIPMENT
JD 415 Rotary Hoe
JD 347 W Baler
JD 7100 8-row 20" bean planter
JD 950 - 12 Ft. Roller Harrow
JD 7000 - 4 Row & 6 Row Conservation Planter
JD 45 Blade - 8 Ft.
JD 45 Blade - 7 Ft.
2 - JD 506 Gyramor
2 - JD 606 Gyramor
JD 660 Rake
3 Row, Row Crop Head - 30"

OTHER LINES NEW EQUIPMENT
Superior-Campbell Sprayers
Superior-Scranton Livestock Equipment, (Hay Feeders, Corrals, Gates)
Ceco Farm Buildings

COVERT & SONS, INC.
Neshanic Station, NJ
201-369-5241
Just 3 miles off Rt. 202
(Between Flemington & Somerville)

FARM EQUIPMENT

Corn heads - new 3-row narrow, fits IH 830, 831, Ford 672 or NI 680 forage harvesters, $2850. 301-791-1200.

For Sale - TMR feed mixer, electronic scales for exact weighing. Excellent condition. Call for details. 717-758-2136.

For Sale - IH 284 compact gas tractor like new. Call 215-683-3154 Berks County.

For Sale - Ten fence gates in very good condition, size 8'-14'. Will consider partial trade for barn fans. 717-933-5565.

NH 320 wire baler, excellent condition. 301-758-0601.

For Sale - NH 512 manure spreader with hyd. endgate $900. Lanc. County. 717-284-4521.

For Sale - 2 model 705 International self-unloading wagons, 3 beater and roof, good condition. Juniata County. 717-463-3216.

For Sale - Used engine driven Irrigation pump. Also used 18 Horsepower Wisconsin engine. 717-647-2124 Schuylkill Co.

20x96 aluminum frame portable building, overhead door at both ends, $950
DENNIS M. MILLER
Rt. 22 Grantville, PA
717-833-1888 anytime
717-469-0937 daily

IH 815 combine diesel 4-row corn head 30" 13' grain head, hydrostatic drive, corn & soybean special, A1 condition. 215-689-9376.

For Sale - 5" or 6" irrigation pipe, mostly 20' length some 30' length $1.50 per foot, other misc. items, 215-286-0301.

MF Massey Ferguson

USED EQUIPMENT
MF 510 Diesel Combine w/MF 44 Cornhead
MF 750 Diesel Combine
MF 33 Drill, Like New
NI 214 Spreader
NH 280 Baler
NH 65 Baler
MF 12 Baler
JD FB Drill
JD 6600 Diesel Combine w/Grainhead & 6 Row Cornhead
Used Riding Mowers

NEW IDEA 323 PICKER
List $8400
SALE PRICE $5700
• Less NI Rebate of $500-Your Final Cost Only $5200!
or...
• Interest Waiver or Special Financing Avail. Instead of Rebate.
• Offer Expires Aug. 20th

NEW EQUIPMENT
MF 205 Tractor
MF 210-4 Tractor
MF 245 Tractor
MF 250 Tractor
MF 290 Tractor
MF 698 Tractor
MF 224 Baler
MF 228 Baler
NI 323 Picker
NI 406 Rake
NI 660 For. Harv.
NI 177 Elevator
NI Manure Spreaders
Snapper Mowers

N.H. FLICKER & SONS, INC.
Box 68
Maxatawny, PA 19538
215-683-7252

FARM EQUIPMENT

JD 4230 4 post roll guard, dual hyd., 2000 hours. 814-793-4293.

For Sale - 16" Papec silage cutter like new. McCormick No. 7 cutter, good cond. Also a Gehl cutter. Roy Stoltzfus, 180 S. Groffdale Road, Leola, Pa.

Oliver 1600 diesel, wide front, 3 pt., 814-793-4293.

For Sale - JD 3020 gas, very good $5000; forage blower Badger TA 54 $1100; Lely fertilizer spinner $300; 12' drag elevator $300; 215-384-7510.

IH 1066 diesel, original paint, 38" rubber, 814-793-4293.

510 MF diesel combine, 1968, 13' grain head, 4 row wide corn, fair condition, $5500 or best offer. Cumberland Co. 717-532-8043.

For Sale - Dunham quick attach hydraulic loader with manure bucket and 7' pan, hydraulic valves and tractor frame. 717-532-9570.

JOHN DEERE

JD 4630 Tractor
JD 4430 Tractor w/Roll Guard
JD 4430 Tractor w/Row Crop Fenders
JD 4030 Tractor
JD 2640 Tractor
JD 2640 Tractor w/145 Loader
JD 2440 Tractor
JD MT Tractor w/plow, Cultv. and Mower
JD MT Tractor w/Cultv. & Wood Saw
JD H Tractor w/plow & cultv.
Farmall 656 Tractor
Farmall M Tractor
Farmall H Tractor
Farmall Cub w/Belly Mtd. Mower
MF 65 Tractor
IH 154 Lo-Boy w/mower
JD 7000 6R Consv. Planter w/Liquid Fert.
JD 7000 4R Consv. Planter w/Dry Fert.
JD 7000 4R Consv. Planter w/liq. fert.
JD 1240 4R Plateless Corn Planter
JD 300 Corn Husker w/244 corn head
NI 325 2R Corn Picker
JD 3800 Chopper w/2R corn head
JD 35 Chopper w/2R corn head
JD 3940 Chopper w/2R C.H.
JD 110 Disc
JD BWA Disc
JD B Plane 15 Disc Grain Drill
JD FB Grain Drill
JD 4400 Combine w/Platform & C.H.
JD 4400 Combine w/444 Corn Head & 13' Platform
JD 7700 Combine
JD 7700 Combine w/643 Corn Head & Platform
Gleaner A Combine
JD 244 Corn Head
JD 125 Chuck Wagon
JD 716 Forage Wagon
NI 279 Cut/ditioner
JD 1450 5B Plow
JD 1450 4B Plow
JD 145 6B Plow
IH 5B Plow
IH 6B Plow
NH Tank Spreader
JD 400 Grinder Mixer
JD 400 Lawn & Garden Tractor

ENFIELD EQUIPMENT INC.
Whiteford, MD 21160
Ph: 301-452-5252

FARM EQUIPMENT

For Sale - Gleaner F diesel combine, corn and soybean special, excellent condition, 13'6" grain platform, 4-36" new corn head, hydraulic oil cooler, straw spreader, 1685 hrs. Reason for selling-quit farming. 717-957-2592.

JD 2940 MFWD 465 hrs., 80 HP, w/wo, JD 260 loader, Case 1270, power shift, weights, 350 hrs., no cab, $15,500. Lanc. Co. 717-872-8659.

'77 GMC Astro tractor, 290 Cummins, less than 10,000 miles on engine, 301-348-2228.

WFE
FIELD QUEEN FORAGE HARVESTERS

SEE THE NEW HESSTON TRACTOR LINE
40 to 160 HP
NEW EQUIPMENT
NI 802 Uni w/Harvester
NI 717 Combine
Westgo 6R Cultivator
HESSTON HAY EQUIPMENT
Hesston 6550 SP 14' D Swath Windrower
Hesston 4800 Big Square Baler
Hesston 4600 Baler
Hesston 1014 +2 Hydro Swing Windrower
Hesston 1091 9' Windrower
Kuhn S C55 6'7" mower conditioner
USED TRACTORS
Oliver 1850 w/cab
Oliver 1850 tricycle
Ford 9N
Ford 6000 Dsl.
Farmall M
Case 1210
Case 430 w/Loader
JD 2440 w/loader
JD 60 w/loader

Used Hesston 4800 Big Square Baler

USED HARVESTERS
MF 750 Combine 6R & 131 Grain Head
701 Uni
702 Uni
727 Husker w/3RN Head
Fox Super D2R Head & Pickup
Fox 3310
Fox 2000, 2 RN Head
Fox 299 80" Flail Head
Field Queen 7650 4 whl. Dr. 3R Head & Pickup, 550 hrs.
NH 770 Elec. Controls 2R Head & Pickup

USED EQUIPMENT
White 5100 6 Row Planter Dry Fert & No-till
AC 4R Planter
NI 710 Combine
NI 725 3R Head
Kewanee 20' Field Cultivator
JD 216 Wagon, 3 btr. & roof.
NH 320 baler w/thrower like new
Gehl 810 & 910 Fg. Wagon, 3 btr. & roof
Bale thrower wagon
3 pt. backhoe
Farmhand Recutter Blower
Hesston 1014, 12 Ft. Hydro Swing Windrower
Westfield 744 auger PTO
UFT 400 bu. Grain cart, demo special $4500
J&M 200 Bushel Bin Wagon w/10 Ton Gear
20.8+38 Axle Duals for AC 7040

STOLTZFUS FARM SERVICE
Cochranville, Pa.
215-593-2407

FARM EQUIPMENT

For Sale - 3 used "Long" storage bins w/door, 10,000 bushels each, 30 ft. dia., 16 ft. high to roof. Equipped w/air ducts. Large 7" auger to fill bins and sweep auger. 25 ton Fairbanks mower truck scale. Call 717-626-2296.

For Sale - John Deere 130 potato harvester, York County 717-235-1700.

489 NH haybine, exc. condition; 12' Sahlstrom liquid manure pump; 20x60 Fickes silo w/ Badger unloader. 215-458-5852 after 7 PM.

TRACTORS
- Case VAC
- Case 930 Tractor "CK"
- Case 430
- David Brown 990 w Loader
- Oliver 500
- Oliver 1755
- Oliver 1655
- White 2-105 Tractor
- Farmall M with NI 2-Row Picker

LOADERS
- Case 1737 Skid Loader
- Case 1740 Skid Loader
- Case 1816 Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer
- Dunham Lehr No 22 Loader
- Int. 3200 Skid Loader

TILLAGE
- Case 6-Bot. Plow, 20"
- Case Disc Harrow, 10'
- Oliver 2 Bot. Trailer Plows
- Used Cultipacker

HARVESTING EQUIPMENT
- MF 72 Combine
- Case 600 combine w/3-Row Head
- NI Unisystem 702 Tractor, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 315 Gathering Unit
- NI 316 Husker
- NI 315 Sheller
- NI 729A Sheller
- NI 731 4-Row Head
- NI 767 Super Chopper
- NI 737 Cornhead
- NI 323 1-Row Cornpicker
- NI 2-Row Cornpicker
- Int. Mtd Picker, 2 Row
- IH 550 Harvester
- Case 300 Harvester
- NH 717 Harvester
- Gehl 1200 Harvester w/pickup and 2-row cornhead

HAY EQUIPMENT
- NH 479 Windrower
- NH 1002 Stack Wagon
- Hesston PT 10
- Hesston 1090 Windrower
- Dump Rake
- 3 pt. Hookup Mower
- Bale Thrower Wagon
- Case Hay Rake
- NI Hay Rake
- NI 456 Round Baler
- IH 46 Baler
- JD 24T Baler w/thrower
- Used Running Gear w/Self Unloading Box

MISCELLANEOUS
- Ford 4-Row Corn Planter
- IH 400 Corn Planter, 8 Row
- 8 Used Spreaders
- NI 218 Spreader
- NI 224 Manure Spreader, 10 ton Like

SPECIAL
• 8 USED WINDROWERS!
Hesston 1090 Windrower
2 Year Warranty
Demonstrator
$4,900!

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

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APPLICATIONS:
- Line Shafts
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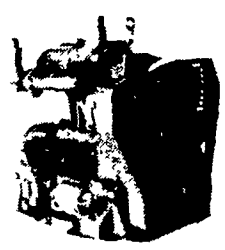
- Generators
- Farm & Construction equipment



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(717) 768-8446

FARM EQUIPMENT

Gleaner E self-propelled combine, w/grain head and 2 row wide corn head, good condition. 215-536-5011.

'75 IH 1700 Lonestar truck, 14' Omaha standard grain dump bed, can be seen at Farmersville Equipment, first $6000 takes it. Also JD 2600 four bottom reset plow, both real good condition. 215-384-5546.

Regular Farmall 20 w/cultivators on rubber, excellent condition. 215-355-8692 after 6 PM.

FARM EQUIPMENT

New NH 456 mower, steel wheels for Case L tractor, Amos King, 3431B Scenic Road, Gordonville, PA 17529.

For Sale - late model 510 MF Diesel combine, 13' head, cab, very good cond., eves., 717-568-7271.

MF 410 gas combine, 13' grain head, 18.4x16, non Q-A, $5000. 215-682-6157.

30 lengths of 4"x40' aluminum irrigation pipe, Mathieson brand. 609-697-1870.

FARM EQUIPMENT

JD 730 diesel, electric start, wide front, 3 pt. hitch, 814-793-4293.

JD 1209 haybine, good condition, $2600 or best offer. 215-965-5692 ask for Mark.

Hillside 6600 hydrostatic combine in excellent condition, $20,000. Larry Stalter "The Combine Man" 219-862-2151.

New 8x16 bale rack, pressure treated lumber, front and 2 side gates, excellent sturdy design, $650. New 6 ton running gear w/15" tires, $475. 717-924-3550.

FARM EQUIPMENT

JD 4020 72 model, dual outlets, 2300 hrs., excellent, 814-793-4293.

JD 34B corn chopper, extra nice and parts, $950. NI model #7 corn-picker, $450. Old Smoker 28' elevator with rebuilt 110 elec. motor, $400. All equipment in very good working condition. 3 pt. hitch grader blade, $150. Small ground driven spreader, $400. All items barn kept. 201-362-6942.

JD 3020 Diesel, wide front, dual hyd., 814-793-4293.

FARM EQUIPMENT

For Sale - 30' hay and grain elevator, also NH 36 crop chopper, 717-362-9233.

Oliver 1950T cab and air, dual hyd., original paint, 814-793-4293.

JD 60 Tractor and Loader $2500
IH 46 Baler & Thrower $1300
NH 27 Blower $800
NH 479 Haybine $2900
WENTZ FARM SUPPLY
Palm, PA 215-679-7164

Oliver 1850 diesel, dual hyd., wide front, 814-793-4293.

FARM EQUIPMENT

Case 450 Crawler loader; IH 3400 Backhoe Loader; JD 112 Lawn Tractor w/mower; 717-933-5734.

JD 4020 with hinker cab, air cond., original paint, low hours., 814-793-4293.

6 ton Tag-Along Trailer; IH 500E Crawler-Loader w/ROPS, 250 hrs., like new, Farmall Cub w/belly mower; Cat 933G Loader. 717-933-5734.

Ford 5000 Diesel, 3 pt., wide front, 1900 hrs., 814-793-4293.

FARM EQUIPMENT

Oliver 1800 Diesel, wide front, $3500, 814-793-4293.

For Sale - JD 2520 syn. range, wfe, good condition, $6800. 717-776-7725.

JD 4010 diesel, wide front, excell. cond., 814-793-4293.

For Sale - Ford 8N, Farmall 504, IH 990 7' haybine, NH 270 baler w/thrower, Nh 56 hay rake, Oliver 17 disc grain drill, IH 3 bottom 3 pt. 16" plow, IH #470 14' disc. 215-562-4464.

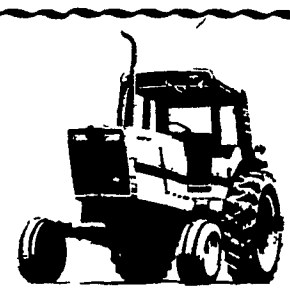
INTERNATIONAL® AGRICULTURAL EQUIPMENT

WATCH FOR SPECIAL "WHITE TAG" PRICES IN NEXT WEEK'S ISSUE!

REBATES AVAILABLE IN ADDITION TO THESE LOW, LOW PRICES!

IH 1350 GRINDER MIXER, 150 Bu., All Hyd. Controls. **Old Price, Less Rebate**
IH 4500 VIBRA SHANK FIELD CULT., 12½ Ft. ..... **Old Price, Less Rebate**
IH 5513 CHISEL PLOW, 3 Pt., 13 Ft. ..... **Old Price, Less Rebate**
IH 5507, 3 Pt., 2 Rank ..... **Old Price, Less Rebate**
IH 730 VARI-WIDTH PLOW, 5 Bot., Demo ..... **Old Price, Less Rebate**
IH 415 PACKER MULCHER, 10'2 ..... **Old Price, Less Rebate**
IH 415 PACKER MULCHER, 13'2 ..... **Old Price, Less Rebate**
IH 475 DISK HARROW, 11'6, 7½" Spacing ..... **Old Price, Less Rebate**
IH 6013 CONSERTILL, Rental Unit ..... **Old Price, Less Rebate**
INT. No. 14 AUTO. RESET SUBSOILER, 7 Shank, Demo ..... **Old Price, Less Rebate**
IH No. 10 SUBSOILERS, 8'3, 11'9 and 15'4 ..... **In Stock Ready To Deliver**
IH 1190 MOWER CONDITIONER, 9 Ft. ..... **Old Price, Less Rebate**
IH 4130 SKID LOADER, Gas, Demo ..... **Call For Price**

ASK ABOUT IH RED EDGE
"PERFORMANCE SAVINGS"
NEW 30 and 50 SERIES TRACTORS
Best Cash Prices Ever On All Equipment Now



★ IH 508 SOLD ★ IH 3288
★ IH 3688 - Demonstrator - Extra Special Price!
★ IH 5288 - Demonstrator - Extra Special Price!
★ IH 6388 - 4 Wheel Drive - Buy A Real 4WD At The Same Price As An Add-On 4WD!

★ IH 3 pt. 181 Rotary Hoe In Stock! ★ IH 4 & 6 Row 183 Cultivators In Stock!

USED EQUIPMENT

Most Used Equipment Avail.
At 11.9% A.P.R. Plus
Waiver of Finance

TRACTORS:
(2) IH Farmall "C"
Int. F12 w/cult.
Int. 400 Farmall, Real Nice!
IH 806 Diesel
IH 1566 D., Cab & Air, 30.5x32 tires, new TA, Real Nice - ~~$16,500~~ Now $14,500
IH 560 Gas, 400 Gas
MF TO-30 w/Turf Tires
MF TO-30 w/Ag Tires
MF 33 w/3 pt. Hitch

PLANTERS:
IH 510 21x7 Grain Drill
IH 455 4-Row
IH 658 6-Row Narrow Dry Fert.
4 & 6 Row Cyclos, Field Ready!
(2) JD FBB 17x7 DD
IH No. 10 13x7 Plain Drill
Oliver 24x6 Combination Drill
MF 13x7 Comb. Drill

LAWN & GARDEN
16 HP Simplicity w/Mower
JD 70 Rider w/Mower
AC B112 w/Tiller & Mower
Ariens 10 HP w/Mower
IH 127 Hydro w/Mower
Int. 1650 w/50" Mower, like New!

MISCELLANEOUS:
Used CP Model 250 Rotary Vane Air Compressor w/IH 282 Diesel Engine Mounted on CO 1600 Int. Truck - ~~$3800~~ — ~~$3,650~~ Now $3250
Int. 2000 D. Single Axle Truck Tractor, 10 Speed, Road Ranger - ~~$4500~~ — $4,350

HAY & FORAGE EQUIPMENT:
MC 60 2-Row Shredder, Like New
IH 105 Forage Wagon, Rebuilt
IH No. 51 Forage Wagon
IH #5 Flail Chopper
IH #8 Flail Chopper, Like New
33 NH Flail Chopper
JD 115 Forage Wagon
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower, nice!
Badger TA-54 Blower, Like New
550 IH Chopper
AC 6' Trailing Mower
IH 990 9' Mower Cond.
1014 Hesston Mower Cond.
NH 770 Chopper, 2 Row Wide & Pickup
IH 27 Baler w/Thrower
IH 47 Baler w/Thrower
IH 440 Wire Baler w/Thrower
New - 451 NH 9' 3 pt. Hitch Sickle Bar
Kuhn GF 452 4-Star tedder, Nice Shape
5026 Elec. Wheel, 8 ton Gears

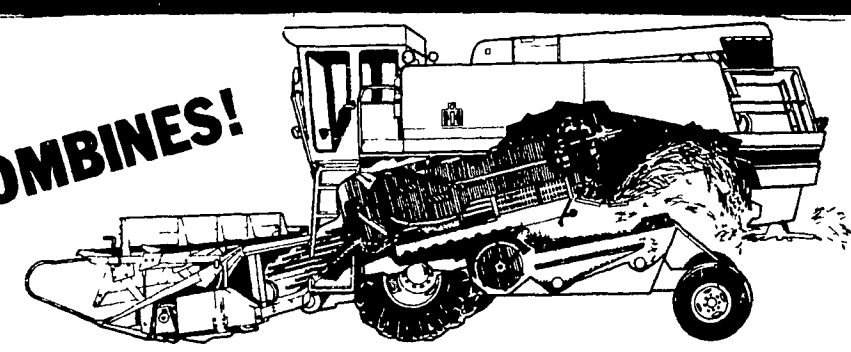
MATERIALS HANDLING:
IH 1150 Grinder Mixer
Farmhand Loader for IH 74 Series Tractor
157 Hawk Bilt Spreader - $995
NH 512 Spreader w/End Gate
NI 12A Ground Drive Spreader
NI 212 Spreader, PTO, flail type
200 Gal. Century Sprayer, Piston Pump

COMBINES:
715 Diesel Hydro w/13' Floating Cutter Bar
844 Cornhead, Like New
810 13' Cutter Bar
MF 410 Gas, w/34 Cornhead & 13' Platform
FKS Gleaner Diesel 4 Row Wide, 12' Platform
MH 35 SP 8' Platform, Fair Shape
IH 315 Hydro (For Parts)
IH 403 w. 4-Row Wide Head & 12 ft. Grain Platform
IH 315, 2-Row Wide Head
IH 203 w/2 Row Head
IH 227 Cornhead, fits 315, 205 or 203
Set of Tires & Rims for 1420 Combine - 23x134 Rice tires

TILLAGE:
Pittsburg 9'1" and 11'6" Disks
JD 4 Bot. Mtd. Plow
JD 3 pt. 3 Bottom 14" Plow
JD TO 310, 32 Disk, Real Nice
JD 110 12' Disk, Good Shape
IH 370, 350, 37, 35 In Various Sizes
Cub 2-Way Plow
Oliver 4-Bot. Semi-Mtd. Plow
IH 11' Trailing Chisel
IH 700, 5 Bot., 18" Plow
IH 700 6 Bot. 16" Plow
IH 550 5-Bot. 16" Semi-Mtd. Plow
IH 540 4-Bot. 14" Semi-Mtd. Plow
IH 531 3 pt. 3 Bot. Plow
IH 311 Fast Hitch Plow, 3 Bot.
AC 1-Bot. Trailing Plow
MF 3 pt. Mtd., 3 Bot. Auto Reset Plow, like new
Glencoe 22' Field Cultivator
Vicon 10' Power Harrow — ~~$2,500~~ — ~~$2,300~~ — $2,200

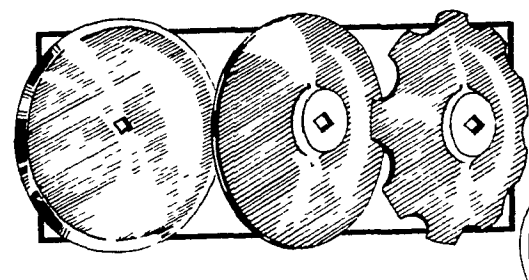
CASH DISCOUNTS UP TO 15% ON SELECTED IH EQUIPMENT!
★ Check With Us Before You Buy ★

COMBINES!



★ IH 1460 Axial Flow Combine In Stock, DEMO - Special Allowance Available
★ IH 1420 Combine - In Stock
★ 963, 944, 943 Heads In Stock!
★ 820 15' Floating Cutter Bars, DEMO - Special Allowance Available
★ 810 15' Cutter Bar (Old Price!)

We Specialize In IH Combine Parts and Service



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EARTH METAL DISKS:
60% Stronger!
20% Longer Life!

New!

IH 496 FLEX WING DISK HARROWS WITH EARTH METAL DISKS!

New For 1983...
18'7" - 7½" Spacing, Cushion Gang - Model 496

New For 1983...
22'2" - 7½" Spacing, Cushion Gang - Model 496

Others In Stock...
19'1" - 9" Spacing, Regular Gang
19'1" - 9" Spacing, Cushion Gang
22' - 9" Spacing, Regular Gang

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We Ship Parts UPS, Parcel Post — Same Day! Call For Stock Items

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★ John Blue Sprayers ★ FMC Bean ★ Grasshopper Mowers
★ Jamesway ★ DeLaval
★ Roskamp Roller Mills
★ Deutsch-Fahr Tedders In Stock
★ Northwestern Skid Loader - Model S71 Gas - Demo, In Stock At Special Price!

We're An "XL" Dealer!

FARM EQUIPMENT

For Sale - 660 International diesel tractor in good condition on steel with belt pulley. Levi E. Glick, RD 3, Quarryville, PA along Furnace Road.

JD 4020 power shift, dual hyd., 814-793-4293.

For Sale - 830 JD tractor; Case 930 tractor; reasonable prices. Smucker's Repair Shop, Rt. 1, Strasburg, PA 17579.

IH 806 diesel, wide front, dual hyd. 814-793-4293.

NH 975 Combine, excellent small grain and bean machine, corn head available; NI narrow row super sheller, new condition. 717-529-2528.

case

Late Model Case 1030 Tractor w/turbo
Case 2390 Tractor 1982, Fully Equip., 100 hrs. Dual Wheels, Traded for other Machinery.
MF 135 Diesel tractor.
JD 7100 Corn Planter, A-1 shape, set up for fert.
SC? Soil Controller
NI 727 Husking beds, good shape
NI 701 Power Unit A-1 Shape
Plus NI mow/dittoners, tractors & spreaders in stock at Good Prices.

C. & P. FULTZ EQUIPMENT
RD 1 Spring Mills, PA
(814) 422-8807,
Ask for Paul

DEUTZ

USED TRACTORS & EQUIPT. IN STOCK

Used Deutz D10006, 105 h.p., $11,000
Used D5506, 57 h.p. $6,800
Myers Sprayer, 200 gal PTO drive $800
Deutz Fahr Baler, high capacity machine 14" x 18" Chamber, 65" pickup $2900.
Used Hay Tedder, Vicon, 10'
MF 128 T baler/thrower, wide pick-up, shur-tie knotter, $3700
John Deere 480 mower conditioner, $1250
Kuhn 17' hay tedder, $1100

NEW TRACTORS & EQUIPT. IN STOCK

D5207 Deutz tractor, 52 h.p
D6207 Deutz tractor, 62 h.p
D6807 Deutz Tractor, 68 h.p
D7807 Deutz tractor, 74 h.p
DX 120 Deutz tractor, 111 h p, w/4 post safety frame.
Leon 636 heavy duty front end loader, fits Deutz tractors.
Deutz-Fahr KH500 17' Hay Tedder
Deutz-Fahr KH300 9.8' Hay Tedder
Deutz-Fahr KS85 Hay Rake
Custom-built diesel Gen-Sets made to order
New & Used Deutz diesel *engines at special* prices Call for details
New Deutz F2L-912 *diesel engines 20-32* H P electric start

Stauffer Diesel Inc.
312 West Main Street
New Holland, PA
PHONE 717-354-4181

FARM EQUIPMENT

Ford Tractors Equipment
SPERRY NEW HOLLAND

TRACTORS

Ford 8000
Ford 4600 Dsl. w/550 hrs.
Ford 3600 Dls. w/500 hrs.
Ford 8N
Ford 445 Backhoe Loader
Ford 545 Backhoe Loader
Ford 535 Tractor/Loader/Backhoe
Ford 4500 Backhoe Loader
IH 1466
Case DC
Satoh 650 w/loader
JD B
5000 Diesel SOS
900 SOS Diesel
900 SOS Gas

EQUIPMENT

NH 258 Rake
IH #14 Rake
Bearcat #72 Flail Chopper
NH #36 Flail Chopper
IH #27 Baler w/#10 Thrower
IH #46 Baler w/#10 Thrower
Ford 9 tooth Soil Saver
NH 1495 SP Haybine $8500
NH 516 sgl. btr. spreader
Gehl #55 Grinder-Mixer
Lawn & Garden Tractors w/Mowers & Snow Blowers

CHARLES S. SNYDER INC.
RD3 Tamaqua, PA 18252
Phone: 717-386-5945

FARM EQUIPMENT

USED EQUIPMENT

Loader for AC 160
NI 10 Ton Spreader
Ford #535 Mower Cond.
NH 358 Grinder Mixer w/scales like new
IH 1150 Grinder Mixer w/scales like new

USED TRACTORS

AC 7060, low hrs.
AC D17 Diesel
Case 2290, like new
MF 1085
Used Lawn & Garden Tractors w/mowers

NEW AC 5050 Low-Profile Tractor 1 only Special Price $10,995

NEW EQUIPMENT AT USED PRICES Many Models New Holland Spreaders

NEW EQUIPMENT

Amco Disc
Bale King Hay Wagons
NH Skid Loaders
Hub Tool Elevators formerly N.H.
Gleaner Combines

NEW HOLLAND MANURE SPREADERS

FULL LINE OF AC TRACTORS INCLUDING THE NEW 8000 SERIES CALL FOR DISCOUNT PRICES.

BHM FARM EQUIPMENT INC.
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or Bob Gantz Sales
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CHECK OUR PRICES AND TERMS FOR NEW & USED EQUIPMENT

NH 791 Flat Bed Spreader
MH 851 Lg. Round Baler
NH 892 Fg. Harvester
PTO Wood Saw
Special Low Price on
NH 890 Windrow Attachment

USED EQUIPMENT

NH 328 138 bu. Spreader, 2 beater
NH L-325 Skid Steer Loader
NH 1895 S P Fg. Harvester
NH 3RN Row Crop Head
NH 3RN Ear Snapper Head
NH 880W Pickup Head
NH 469 Haybine $1685
Gehl PTO Blower $495
NH 1469 SP Haybine w/Ford PU.. $3790
Ejector for 247 Baler $200
NH 273 PTO Baler, Ld. Chute.... $1550
Ford 250 PTO Baler..... $350
Ford 40 h.p. Skid Steer Loader, Ex. cond., only 1100 hrs,Trms $6500
NH S717 1R Fg. Harv..... $785
AC Hopper Blower Belt Driven $150
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FARM EQUIPMENT

FOR SALE
TRACTORS

'930 Case standard diesel
'930 Case Comfort King diesel, 500 Case diesel, 560 IH gas, W400 IH gas, 450 H diesel, G AC w/ hydraulic cultivators.

NEW EQUIPMENT

8' Brillion packer seeder, Lely fertilizer spreader, Perry harrow, spring harrows, 20 and 24 blade disc harrows.

USED EQUIPMENT

336 JD baler, 24 blade JD disc, 455 NH mower, NI 10A spreader, NI 206 spreader, NH 256 rake, NH 56 rake, Oliver trailer plow, Oliver and McCormick two way plows, JD #4 mower, McCormick #9 mower, cultipackers, McCormick PTO and ground drive corn binders, McCormick #9 silage cutters, Papec 16" silage cutter, Gehl C40 silage cutter.

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FARM EQUIPMENT

14' Brillion field harrow transport
New Caldwell 8' blades, special discount
John Deere #65 blower
McCurdy and Farmer Boy gravity bins in stock
3 pt. JD sickle bar mower
New 18' steel rack hay wagons
New Pequea hay tedders
New Zimmerman running gears & elevators
2 row JD corn planter
MF sickle bar mower
Hawk Bilt 207 manure spreader
Nicholson hay tedder
336 JD baler

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- Wisconsin New V465D, 65 H.P. Engine w/electric start $2900

GOOD SELECTION OF NEW & USED SMALL ENGINES

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- Steiner 4 Wheel Drive, 16 H.P. Garden tractor w/mower $3495 Demo
- Used New Idea (G.E.) 10 H.P. Electric Garden Tractor w/Mower $695 Excellent
- Used Yazoo High Wheel Mower 5 H.P. 22 Inch Cut $395 Used 1 Season

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TRACTORS

Case 930 Dsl, WFE
MF 175D 8 speed
MF 135G
JD 530, 3 pt.
JD 2010G
AC D17, PS
Farmall Cub w/mower
Ford 9700 Dual Power
Ford 8000 Tractor
Ford 7000 Fully Equip.
Ford 801D, PS
Ford 5000 D
Ford 4000, line PTO
Ford 3000 8 Speed
David Brown 1200
David Brown 780
Satoh 650 w/mower
Satoh Elk w/mower
NI 310 cornpicker
JD 18' wing disc
MF 33 Grain Drill
NI 206 Spreader
NI 216 Spreader
JD 1240 Corn Planter
Ford 501 Mower
Ford 532 Baler
MF 6' Rotary Cutter
NI 402 rake

TRACTORS & LOADERS

Ford 801 Dsl.
(2) 3400 3 pt.
Ford 600 Gas
860 w/Power Steering
Ford 9N
Ford L40 skid loader
Ford 801 backhoe

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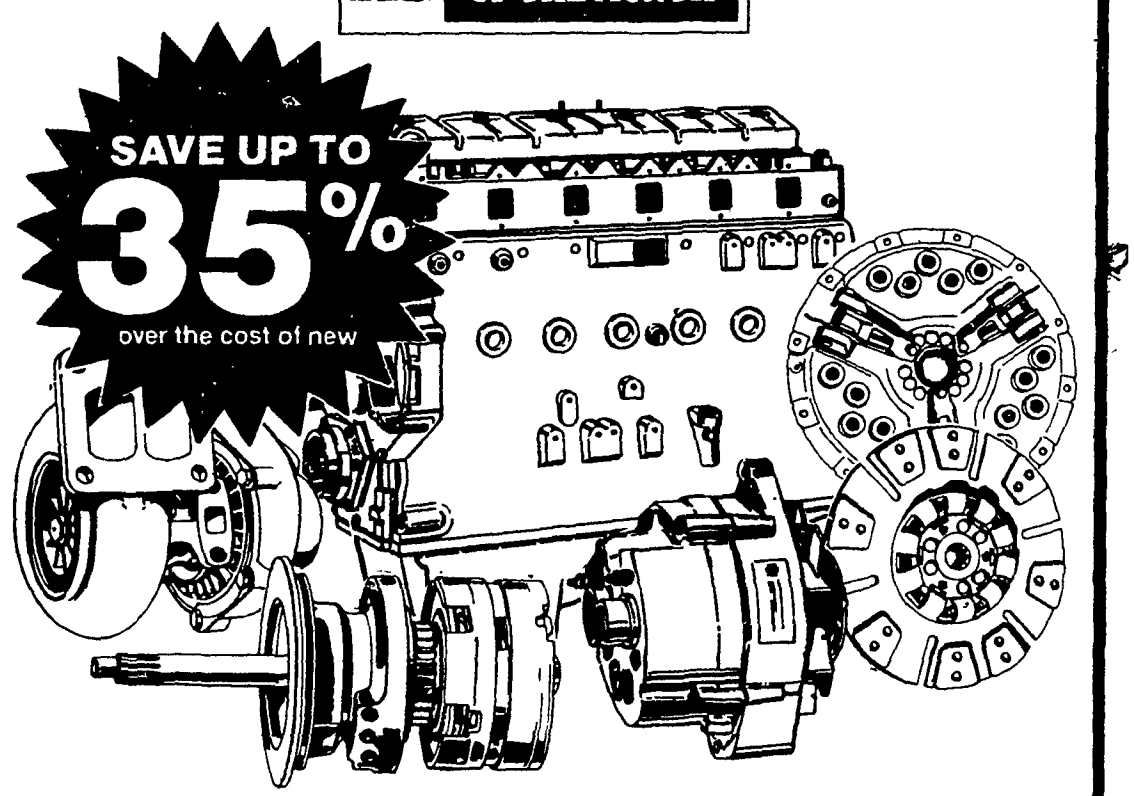
215-536-4046

PARTS VALUE OF THE MONTH



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- TORQUE AMPLIFIERS
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FARM EQUIPMENT

JD 3010 gas, narrow front end $3000
Cub Cadet 1000 w/ mower, 10 HP $975
NH 890 harvester w/ narrow row head $3000
NH 479 haybine $2400
NH 469 hyabine $1350
IH 990 7' haybine
JD FBB 10' grain drill, $550
NH 268 baler w/super sweep p-up & thrower $1250
JD 1209 9' haybine $1800
NH 26 blower, $600
NH #8 3 beater w/roof & high flotation tires, nice $2650
NH 890 harvester, pwr. sharpener, pick-up head, 2 R narrow corn head $3750
16' bale thrower wagon, 6 ton gear, $925

Horning's Farm Machinery
Ephrata, PA
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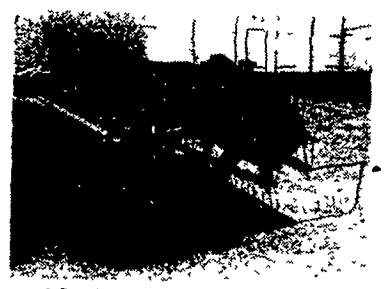
FARM EQUIPMENT

FOR SALE

403 Int. Combine, 329 Corn Head, Good Cond.



1980 213 JD, Grain Head Excell. Cond.

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New Long 310 DT, $8,600, 28 HP
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IH 146 SOLD
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IH 966 w/cab
IH 806
Year-round cab for IH w/air conditioner
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Cab for JD 2840
2 JD 3130 1 w/cab
3 JD 3120
Ford 8600 w/dual power
Demo Ford 6610
Ford 6600
Ford 5600 4 wheel drive, demo
4 Ford 5000 1 w/dual power and cab
3 Ford 4000, one w/loader
Ford 541 offset
3 Ford 8N
MF 1150 w/cab
MF 175
Case V
Wolverine 25' goose neck trailer
Moore no-till drill

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VERMEER · HEDLUND MARTIN INC. · Vicon

NEW EQUIPMENT

- Vermeer 504H Balers - 1 New & 1 SOLD
- Vermeer 504G Baler
- Vermeer & Scranton Bale Movers
- (1) Vicon 1900 lb. Fert. Spreader
- (1) Vicon 15' Power Harrow
- (1) Vicon RP 1200 Round Baler
- (1) Vicon SP450 Square Baler w/Thrower
- (1) Vicon 8' Mower Conditioner
- (1) Vicon 5½ ft. Mower Model CM165
- Haybuster 1068 Semi-Mounted No-Till Drill
- Martin 1263 Scavenger II Spreader

USED EQUIPMENT

- Vicon 10' Power Harrow
- Brady Flail Shredder
- Farm System Flail Spreader, Left Side Loading
- Hesston 12' Hydro Swing Haybine
- Used Vicon 4 Wheel Hayrake
- Pequea Hay Tedder

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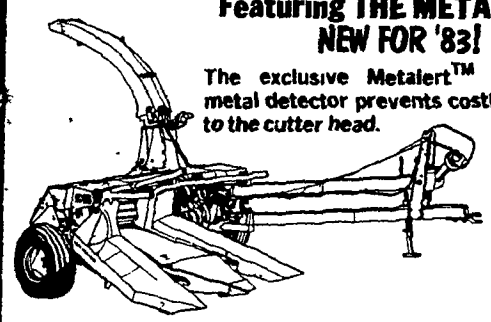
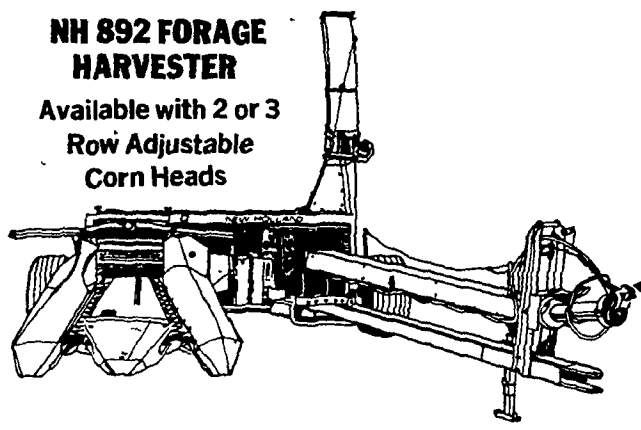
NH 782 FORAGE HARVESTER
Featuring THE METALERT™
NEW FOR '83!

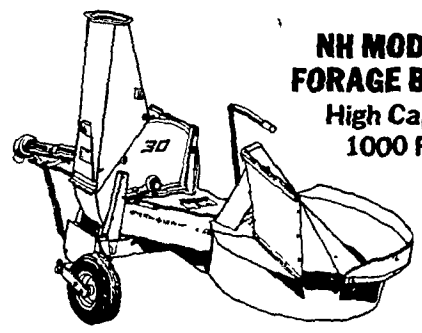


The exclusive Metalert™ electronic metal detector prevents costly damage to the cutter head.

NH 892 FORAGE HARVESTER
Available with 2 or 3 Row Adjustable Corn Heads



NH MODEL 30 FORAGE BLOWER
High Capacity 1000 RPM



CHECK OUT THESE EXCLUSIVE FEATURES AVAILABLE ON ALL MODELS

- Metal Detectors
- Flip-Up Feed Rolls
- Heavy Duty PTO
- Electric Controls
- Double edge underbeveled Knives (never requires rebeveling)

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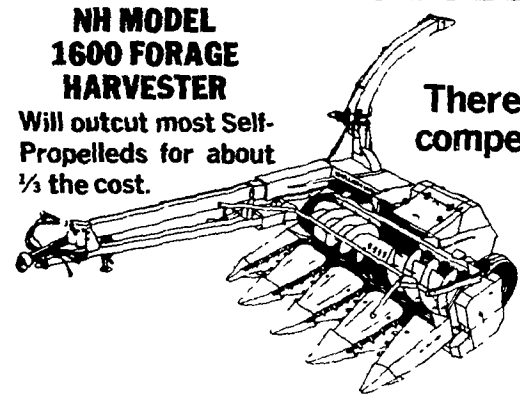
0.0% Interest until 4-1-84
with Interim Payment
OR
4.9% Financing for 1 Yr.
7.9% Financing for 2 Yrs.
10.9% Financing for 3 Yrs.

CHECK WITH US FOR DETAILS

NH MODEL 1600 FORAGE HARVESTER
Will outcut most Self-Propelleds for about ⅓ the cost.

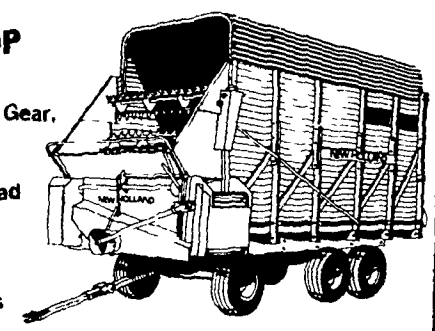
There's no competition



NH 1900 FORAGE HARVESTER
A New Giant, 250 H.P. Strong

NH #8 CROP CARRIER
12 Ton Running Gear, Flotation Tires.
Features:

- Front & Rear Unload
- Worm Gear Drive
- Variable Speed Control
- Heavy Duty Chains



GOOD USED HAY EQUIPMENT

- Used N.H. 1495 S.P. Haybine w/12 Ft. Rolareel Header, Ex. Condition
- NH 320 Baler w/Thrower
- NH 718 Harvester 2 Row Narrow Corn Head And Pickup
- NH 30 Blower, 1000 RPM
- IH 56 Blower, H.D., P.T.O.
- N.H. 469 Haybine
- NH 495 Haybine, 12' Rolareel End w/Transport, Ex. Condition
- NH 770 Harvester, 2 Row Head, Pick-up Attachment
- Gehl Model CB 600 Forage Harvester 2 Row Corn Head & Pickup Attachment, Ex. Condition
- NH 315 Baler w/Thrower, 1 yr. old
- NH 851 Round Baler, Excell.

A GOOD SELECTION OF USED EQUIPMENT

TRACTORS
IH 1086 w/cab (excellent)
IH 2404 Tractor 3 pt. hitch
IH Model 2404 Tractor

SKID STEER LOADERS
NH L425 Skid Loader
NH L775 Diesel Skid Loader
NH LB 11 Backhoe w/24' bucket

HAY & FORAGE EQUIPMENT
MF 9 ft Mower Conditioner
NH 770 Pickup Attachment
NH 268 Baler & Thrower
JD 24T Baler
IH 15 Hay Rake

TILLAGE
Glencoe 13 shank Chisel
JD 350 6 bottom auto reset Plow
Brillion 10 Ft Packer
White 4 Bottom, 16" Plow
Krause Model 1580 Single Wing Fold Disc Harrow
IH Model 55 9 Shank Chisel Plow, Demo
IH 53 4 Row Cultivator
IH 311 plow

SPREADERS
IH 3 Beater 160 Spreader
NH 365 Tank Spreader
NH 518 2 Beater, Excellent

PLANTERS
IH 800 4 row corn planters, dry fertilizer, monitor, insecticide, excellent condition Don't Miss This Good Buy - Waiver Till Next March 1984
IH 400, 6 Row, Monitor, Fert Attach., Insecticides, Fully Equipped
IH 56, 4 Row, Fert
Int 56, 2 Row

STIHL® THE WORLD'S LARGEST SELLING CHAIN SAW

MISCELLANEOUS
JD 3 Section Rotary Hoe
New Idea 2 Row Pull Type Corn Picker

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MF Massey Ferguson

SPERRY NEW HOLLAND

Tractors
MF 285, 8 spd.
AC WD

Tillage
Case 5B Semi-Mtd Plow
JD 4 x 16 Plow
JD 12' Tandem Disc
(2) Drag Harrows

Hay Equipment
AC 390 Mower cond.
Ferguson 3 pt. Mower
Ford Baler w/thrower
IH 37 Baler w/thrower
MF Model 3 Baler w/thrower
AC 303 Baler w/thrower
AC Hay Rake
MF 3 pt. Hay Rake
NH 36 Crop Chopper

Miscellaneous
Lanco 6' Rotary Mower
MF 468 4R Planter
NH L-35 Skid Steer Loader
Gehl 2600 Skid Steer Loader
NI 214 Manure Spreader

NEW
NH 718 Forage Harvester
Heavy Duty PTO, Mechanical Controls
770 w/Pickup Head
$6,950

MARLIN SCHREFFLER
Pitman, PA
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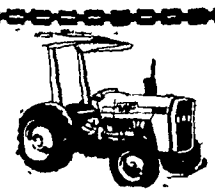
FARM EQUIPMENT



MF Massey Ferguson

TRACTORS & EQUIPMENT

MF 1155 Tractor
Ford 4000 Tractor
Ford 4000 Turf Tractor
MF 150 Tractor
AC D17 Dsl. Tractor
MF 40 Dsl. Tractor and Loader
IH Tractor w/Forklift Attch.
NH 718 Harvester
Fox 2000 Fg.
Harvester w/2R C.H and Pick-up
MF 760 Combine w/Attchs.
NH 36 Crop Chopper
IH #46 Baler
IH 440 Baler
NH 315 Baler
NH 270 Baler w/thrower
NH 269 Baler w/thrower
NH 1010 Bale Wagon
NH 510 Manure Spreader
NI 213 Manure Spreader
Hesston PT10 Mower Cond.
JD Grain Drill
IH 1600 Truck 1974 w/20' Van Body

NEW M.F. EQUIPMENT

MF 275 Tractor
MF 285 Tractor
MF 245 Tractor
MF 240 Tractor
MF 265 Tractor
MF 210-4 Tractor
MF 210 Tractor
MF 1010 Tractor
MF 40B Tractor w/Loader
MF 40B w/Cab
MF 20 Turf Tractor
MF 34A Loader
(2) MF 216 Loader
MF 236 Loader
MF #43 2B Plow
MF 820 Disc Harrow
MF 520 disc harrow
(2) MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 18 Scarifier Scraper Blade
MF 124 Baler w/Thrower
MF 218 3 pt. Rotary Cutter
MF 222 Scraper Blades

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GALLAGHER Spring-Tight
POWER FENCE SYSTEMS

"The earth is the Lord's and the fullness thereof."

Specializing in Power Fencing! Fence Charging... Fence Repair... New Fence... Gallagher Sales & Service. The Service Oriented Dealer that's interested in helping you keep your animals where they belong: No Job To Large Or Small When You Holler Fence We Jump and Ask How High On The Way Up!

FARM EQUIPMENT

Used Equipment Specials...

Cub Tractor w. 60" rotary mower 5' sickle bar and plow
Used wood splitters
JD 4-Bot. Plow $795
B 7100 4 Wheel drive Kubota, 500 hrs. $4,800

New Equipment Specials...

982 Cadet w/50" Mower, 3 pt. Hookup, PTO and Dual Brakes $4,995
Yanmar 15 HP 2-WD $3,695
Yanmar 15 HP 4-WD $4,100
Used Loader For 22 HP $1,500
AMCO Disk $4,495
Landoll 7 Tooth Chisel Plow $1,500
Fuerst Flexible Tine Harrow $650
500 Gal. Field Sprayer, 35' Boom . $1995
Leftover AmPro Rear Tine Tillers
3 pt. Backhoe
3 pt. Cordwood Saw
3 pt. Hookup Cement Mixer

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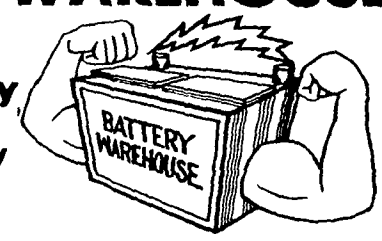

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We Specialize In "Hard To Find" Industrial Batteries

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Chambersburg, PA 17201
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Complete Price Sheet Available Upon Request

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JD 4240 w/cab, 400 hours $27,500
JD 4040 power shift $19,000
JD 3020G PS. $5900
JD A. $1200
IH 1086 w/cab 1180 hrs. $18,500
MF 1085 Dsl. $8900
MF 1080 Diesel $5900

SPECIAL PRICES ON COMBINES

1982 JD 6620 Side Hill w/2 heads $75,000
1977 MF 750, 1700 hrs. 2 heads $29,500
1978 JD 6600 Sidehill. $43,750
1979 JD 6620 Sidehill. $59,900
JD 4400 w/443 Corn Head ..... Sharp
1980 MF 760 338 hrs. w/2 heads. $55,000
JD 45 w/2 heads $8900

TILLAGE

JD 1450 5x16 Plow $2900
JD 145 5x16 Plow $1550
JD 950 12' Roller Harrow $2700

PLANTERS

JD 6 Row 7000 Conserv. w/Liquid Fert. $8000
JD 6 Row 7000 Consev. Dry Fert. $7500
JD 4 Row 7000 Dry Fert. $5900
White 5400 4 Row $3600
MF 468 4 Row $950
MF 468 6 Row $1850

MISCELLANEOUS

JD 750 Grinder Mixer $4100

BLUE

NEW JOHN BLUE L-13040 500 Gallon Ground Driven PUMP SPRAYER SPECIAL $5,995.00

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1982 6620 SIDEHILL IN STOCK

LOST CREEK IMPLEMENT
Oakland Mills, PA 17076
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JOHN DEERE

GREEN VALUE USED EQUIPMENT

TRACTORS

JD 2640, 66 SOLD, sharp
JD 2440 tractor, sharp
JD MT tractor $1,200
JD 730 diesel, electric start, $3500
IH 460 tractor, 3 pt. hitch, $3500
15 HP Satoh Beaver diesel
Michigan four wheel drive loader

PLOWS

JD F350, 4 bottom 16
JD F 145, 4 bottom 16
JD 145 plow, 5 bottom 16
IH 4 bottom trail plow

DISCS & HARROWS

JD 12' drag harrow
JD KBA transport disc 10
JD drag disc 8' $395
IH 10' disc, transport disc $1,000
AC drag disc $295

PLANTERS

JD 1440 no-till w/monitor, dry fertilizer & insecticide $2,495

HAY & FORAGE

NH #8 forage box w/new running gear
NI forage blower $995
JD 24T baler w/30 ejector
Case 230 baler
JD 1 row snapper head
Grimm hay tedder
JD 336 baler w/30 ejector
JD 1209 mower conditioner

COMBINES

JD 55 w/12' platform $2000
JD 4420 Combine, 500 hours, w/13' head

MISCELLANEOUS

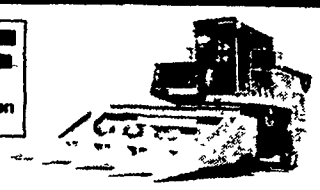
200 Kill Brothers gravity box
JD 145 loader
JD manure forks
MF 160 spreader w/hydraulic endgate
5' MF rotary cutter
7' MF rotary cutter
7' Heavy duty 3 pt. hitch blade
JD 227 corn picker for parts

New Wooden Hay Racks
Zimmerman Elevators
Pequea Hay Tedders
and Killbros
Gravity Bins
Now In Stock

Waiver of Tractors & New & Used Combines Till May 1, 1984

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

MF Massey Ferguson



NEW EQUIPMENT IN STOCK

- MF 540 diesel combine
- MF 860 diesel combine hydro
- MF 1144 corn head
- MF 1163 corn head
- MF 15' table w/floating cutterbar
- MF 13' U-II reel
- MF 15' U-II reel
- MF 22 bale thrower
- Vicon mower conditioners, demo
- Pequea hay tedders
- McConnell forage wagon
- Beaver III four wheel drive tractor
- Woods mowers
- Vicon 4 and 5 wheel rakes
- Hefty bale wagon
- Strawchoppers for MF 760 & 540 combine

USED EQUIPMENT

- Ford 9600 tractor
- MF 2675 tractor less than 500 hours
- MF 1450 garden tractor
- MF 285 diesel tractor
- MF 760 combine w/6 row corn head & 16' grain table
- MF 510 combine
- MF 300 combine w/2 row corn head & 13' table & reel
- Brady chisel plow
- Hesston PT 10 haybine
- MF 81 haybine
- MF 10 baler
- NH 275 baler
- MF 13' grain head w/floating cutter bar
- Strawchopper for MF 540
- NH 69 baler w/thrower
- NH 65 baler w/thrower
- Beaver 2 cyl. 4 wheel drive tractor w/42" rear mount mower

Renting skid steer loaders.

Radio Dispatched Service

ABRACZINSKAS
Farm Equipment, Inc.

RD1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

NEW EQUIPMENT

TRACTORS
- JD 2350
- JD 4040 w/RG & QR
- JD 4440 w/SG & QR

HAY TOOLS
- NH 489 Haybine
- NH 58 Thrower
- JD 337 Baler
- JD 660 Rake
- JD 3940 Harvester
- NH 847 Round Baler
- NH 38 Crop Chopper
- NH 311 & 316 Balers
- NH 451 Mower
- NH 256 & 258 Rakes
- NH 782 Harvester
- NH 1037 Bale Wagon

OTHER EQUIPMENT
- JD 158 Loader
- JD 1065, 1075 Wagons
- JD 78 Blade
- JD 40 & 450 Spreaders
- NH 679, 795 Spreader
- NH 230 Wagon
- Century 500 Gal. Sprayer
- Hub 36' Elevator
- DeLaval Manure Pump
- NH 8 Crop Carrier

PLANTING EQUIP.
- JD 7000 Cons. Pltrs. 4R & 6RN
- JD 8200 18x7, 21x7 Plain Drills

TILLAGE EQUIPMENT
- JD 235 19'11" Disc
- JD RM4 Cultivator
- JD 1250 3B Plow
- JD 1010 Field Cultivator
- JD 1610 Chisel Plow
- JD 415 Rotary Hoe
- Glenco SSP 7B Soil Saver

COMBINES & HEADS
- JD 215 Flex Platform
- JD 643 Corn Head
- JD 6620 Combine
- JD 213 Flex Platform
- JD 444 C. Head
- JD 4420 Combine

USED EQUIPMENT
- JD 830 Tractor
- JD 2040 Tractor
- NH 791 Manure Spreader
- NH 320 Wire Baler w/hydraformatic & quarter turn chute
- AC K2 Combine
- JD 643 Corn Head
- JD 244 Corn Head
- JD 7000 6R Planter w/Dry Fert.
- NH 770 Fg. Harv.
- Fox 3000 Fg. Harv.
- Fox Custom 90 Fg. Harv.
- Schwartz #860 Mixer Feeder

SPERRY NEW HOLLAND — WAIVER OF INTEREST ON MANY ITEMS — JOHN DEERE

I. G. SALES

DeLAVAL JAMESWAY — Silverdale, PA 18962 215-257-5135 — Quonset Buildings

NOTICE TO ALL FARMERS

If you have a problem in tractors, all brands, concerning stiff hydraulic, differential, hydrostatic or wet brake system slipping, we can solve it on your farm.
Also very good on automatic transmission slipping or sticking reverse

Reasonable Rates
Must inquire to appreciate.
Will travel any distance.

F & S Service
717-687-8412

New demo IH 3588 2+2 tractor, 150 PTO HP, 3 pt., 1000 RPM PTO, full 2 year warranty, $35,900

Used IH 4166 D, 150 HP, 4 wheel drive, hydraulic drawbar, cab & AC, 2000 hours, reconditioned & painted, $13,900

Used IH 1440 axial flow combine 1000 hours, excellent, base unit only, heads are available $39,500.

Financing available
Waiver on used
703-338-7123

MF Massey Ferguson

MF Massey Ferguson

NEW MF TRACTORS

	Sale Price
• MF 1010 w/mower, 16 HP diesel	In Stock
• MF 205 w/mower, 20 HP diesel	In Stock
• MF 245 diesel, 8 speed trans., 42 HP	In Stock
• MF 265 diesel, 8 speed trans., 60 HP	In Stock
• MF 270 diesel, 8 speed trans., 55 HP	In Stock
• MF 270 diesel, 12 speed multi-power trans., 55 HP	In Stock
• MF 670 diesel, 12 speed sychromesh trans., 55 HP w/cab and air conditioner, 4 wheel drive	In Stock
• MF 274 diesel, 4 wheel drive, 55 HP	In Stock
• MF 2640, 16 speed multipower trans., 4 wheel drive cab w/air, 90 HP	In Stock
• MF 2675, 24 speed multi-power trans., cab w/air, 100 HP	In Stock

USED TRACTORS

• MF 30B Industrial Loader Tractor w/Cab, 1978	Priced To Sell
• MF 275 Diesel, 67 HP, 12-Spd., M.P. Trans., 1980, 460 Hrs.	$14,900
• Ford 8600 Diesel 110 HP, Dual Power Trans., 1976, 1,620 Hrs.	$12,500
• MF 2705 Diesel 120 HP, 24-Spd. M.P. Trans., 1978, 1,270 Hrs., Cab w/Air and Heat	$23,200
• MF 165 Diesel Tractor	$4,800

COMBINES IN STOCK

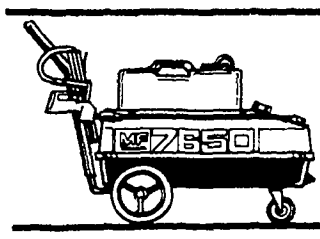
- MF 550 Diesel Corn, Grain & Soybean
- MF 850 Diesel Corn, Grain & Soybean
- MF 1143 and 1163 Cornheads In Stock

HAY EQUIPMENT

• New MF 120 Baler, Less Thrower	In Stock
• New MF 128 Baler and Thrower	In Stock
• New MF 39 Wheel Rake	$1,995

TILLAGE EQUIPMENT

• New MF 345 Mounted 3x16 Hyd. Reset Plow	$2,275
• MF 82 - 4x16 Mounted Trip Bottom Plow	
• MF 880 Plow, 6x18 Semi-Mounted Hyd Reset w/On Land Hitch, Used 150 Acres	$7,500
• New MF 520 Disc Harrow, 12 Ft. Wide, 20" Disc Blades, Includes Scrapers	$3,475
• MF 4 row tool bar cultivator with gauge wheels	$1,200



MF PRESSURE WASHERS

$620.00 Special Price

MF 7650 Reg. Price $739.00
Nozzle Pressure 600-650 PSI,
Concentrate Capacity 2-1/2 gal.

SUPER SPECIAL CASE 2090

1 ONLY

"A Super Performer"

2090 4WD - S/N 9920254

- Cab
- Air
- Heat
- 12 Speed Power Shift
- 18.4x38 Rear Tires
- 14.9x28 Front Tires

PRICE **$33,500**
With 8.8 Financing or Waiver to May 1, 1984 OR take additional $1900.00 off price for cash deal

SUMMER SIZZLERS

NEW IDEA	JD #115	NH #8	GEHL 920, 3
#603, 14'x4', 2 beater Case gear	3 beater, roof 10 ton gear	16'x6', 3 beater, roof, pintle apron on JD 12 ton tandem gear A1	beater roof, pintle apron, 12 ton tandem gear, A1
$895	$1800	$3900	$4500

- NEW - Landoll Soil Conditioner 7 shank 8'9" cut $6100
- NEW - Bush Hog 12' offset disk $6300
- USED - 1845 G Uniloader $9900
- USED - Case 1830 Uniloader, Excellent Condition $6500

USED EQUIPMENT

TRACTORS
- '79 Case 1210 p.s.
- AC 7080 Cab-Air-Heat
- Case 1370 Cab-Air-Heat 24.5x32 Radio
- Case 1090 18.4x38 (New) Power Shift
- Case 1170 Cab-Heat 8 Spd. 20.8x38
- Case 900 w/Pulley
- Case 2090 Cab

LOADERS
- Uni Loader Broom
- 1845 G

NEW IDEA
- 206 Spreaders
- 325/314 Picker Sheller
- 323 Pickers
- 214 Spreader
- 218 Spreader

FORAGE
- JD 65 Blower
- Stauffer Forage Box
- Fox HA Harvester
- JD 3800 Harvester
- NH 27 Blower
- Hesston Blower
- JD 115 Forage Box
- Farmhand Rake

MISCELLANEOUS
- Case 12' Disc Harrow
- NH 371 Flail Spreader
- Wetmore 878 Grinder Mixer
- Bush Hog 12' disc

UNI-SYSTEM
- 702 G Power Unit
- 702 D Power Unit
- 710 Combine
- 743 N Head
- 767 Harvester
- 738 4RN Head

Waiver of Finance - Used Tractors - Dec. 1, 1983

206 GROUND DRIVE SPREADERS IN STOCK

A.L. HERR & BRO.

PARK AVE., QUARRYVILLE, PA 17566 PHONE: 717-786-3521

case — NEW IDEA — GEHL Gets into your system — BUSH-HOG

Massey
Fire Extinguishers

Don't be caught without protection!

• MF #20004A91	2¾ Lb.	$18.65
• MF #20005A91	5 Lb.	$25.65
• MF #20005A91	10 Lb.	$44.65

All internal and external parts are made from non-corrosive materials.

LEBANON VALLEY IMPLEMENT CO., INC.

700 E. Linden St. Richland, PA 17087
(717)866-7518

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

COMBINE

(Repo)
1981 JD 6620
Sidehill
485 hours, AM-FM Stereo tape deck, cab w/air shaft speed moni header height control, straw spreader, Hydrostatic Drive

$52,000

JD 643 Corn Head

$10,000

717-463-2394

Eckroth Bros. Farm Equipment

RD 2 Box 24A
New Ringgold, PA 17960
717-943-2367
7:30-5:30 Mon. - Fri. 7:30-4:00 Sat.

USED EQUIPMENT

Leyland 270 Diesel
Leyland 384 Diesel
IH 815 combine w/2 heads
IH 715 diesel hydro combine, 900 hours
IH 700 4 bottom plow
IH 1066 tractor w/cab
AC 5050 w/700 hrs.
Ford 3000 w/loader
2 JD double disc grain drills
Ontario grain drill
#56 Blower, nice
IH 700 seven bottom plow
IH 1460 combine

GRUMELLI FARM SERVICE

bobcat Quarryville, Pa. 717-786-7318 ALLIS-CHALMERS

TRACTORS

AC 7040D, AC 7045D, AC 7050D, AC 7020D, AC 7010D, AC 7000D, AC 440, AC 200, AC XT190D, AC 180D, AC 170D, AC 175D, AC D19D, AC D14
AC CA, AC WD 45, AC 5040D, AC 5050D, IH 756, IH 806, IH 504, IH 300, IH 340, IH Cub Low Boy, IH 350, IH H, IH 140
IH 656, IH 504 w/loader, JD 2010, JD 4010, JD 70, JD A, Ford 4000, MF 65D, MF 65G, Case 300 w/Loader, Case 800, Oliver 1650D

EQUIPMENT

New and Used Miller Discs and AC Discs
New AC 7' Haybine
(2) 315 NH baler and thrower
269 NH baler and thrower
14T J.D. baler and engine
AC 444 baler and engine
Farmhand grinder & blower
(2) L 425 NH Skid Loaders
731 Bobcat Skid Loader
610 Bobcat Skid Loader
630 Bobcat Skid Loader
1000 OMC Skid Loader
371 Bobcat Skid Loader
70 JD Skid Loader
Thomas Skid Loader
MC 600 Grain Dryer
65' 8" transport Auger

VAN DALE

- **Van Dale Products**
  - All New Magna-Trac Ring Drive
  - Silo Unloaders 10' - 30' New & Rebuilt
  - Bunk Feeders - Belt, Auger and Shaker
  - Conveyors - Auger & Single Chain
- **T.M.R, Van Dale Mixer-Feeders - 4 Auger**
  - Truck Mounts
  - Trailer Mounts
  - Stationary Units
  - 40 Cows to 400 Cows
- **Liquid Manure Spreaders**
  - 1500 Gal. to 4500 Gal.
  - Soil Injectors
- **Liquid Manure Pumps**
  - Agitator-Filler • Centrifugal • Lagoon

- **Uebler Electric Forage & Grain Carts**
- **Uebler 810 Gas Cart**
- **Uebler U-Blend™ TMR Forage Carts**

UEBLER

- **Red Top Stainless Steel Trough Cattle Waterers**
- **Fickes Stave Silo— Top and Bottom Unloading**
- **Double Chain Wood Conveyors w/Slip Clutch & ¾" Bottom**
- **Taper Board Feeders & Belt Feeders**
- **Circle Feed Supplement Bins**
- **Hedlund Vaughan Chopper Pumps**
- **Farmaster TMR Tumble Blenders**

LEASING AVAILABLE • SALES & SERVICE

K & S INC.

RD 1 Quarryville, PA 17566
PH: 717-284-3111

INTERNATIONAL® AGRICULTURAL EQUIPMENT

THIS MONTH'S SPECIAL ON NEW EQUIPMENT

New Tractors on Stock
IH 3688 w/cab
IH 3288 w/rops
IH 684
IH 784
IH 484

New Hay Equipment
IH 428 baler w/thrower
IH 1190 9' mower conditioner
IH 781 forage harvester
IH 881 forage harvester
IH 120 16' forage box
IH 130 16' forage box

New Tillage on Stock
IH 720 6F-18" toggle trip on land plow
IH 720 5F-18" auto. reset plow
IH 510 4F-18" plow
IH 475 12' disc
IH 480 13' 5" disc
IH 496 19' flexwing disc
IH 4500 12' field cult.
IH 5500 11' Chisel-plow

USED TRACTORS

IH 1086 D w/cab $22,500
IH 966 D hydro w/cab $12,500
IH 806 D w/3 pt. $8500
IH 684 D, w/99 hrs. $13,650
IH Super C $1250
IH 484 D w/300 hrs. $10,500
IH I-656 D hydro $5450
IH Super C, real nice $2150

Waiver of finance until 9-1-83 and 11.9% interest

USED CORN HARVESTING & COMBINE EQUIPMENT

Fox 1 Row Corn Head for a 546 . $150
IH 80 pull combine (nice) $1850

USED HAY EQUIPMENT

IH 37 Baler w/thrower $1800
NH 770 Forage Harvester w/2 RW head and pick-up unit $5250
Woods C80 rotary cutter $750
JD 15 5' flail chopper $450
IH 2 rw wide and narrow head for 720 and 830 harvesters $1650
Lamco 16' forage box w/roof . . $1850
AC 904 9' mower conditioner. . . $650

USED TILLAGE

IH 401 16' Harrow $600
IH 560 6F 16" plow w/cyl. $1500
Brillion 15' cultipacker (end transport) $1250
JD 21' transport harrow $1250
JD 55 3F 16" trailer plow. $450
IH 550 5F 16" plow $1250
IH 710 5F 16" plow w/cyl. $2250

SPREADERS AND MISC.

NI Model 211 Spreader (Nice) . $1350
JD 300 elevator, 30' $500
JD R gr. dr. spreader $500
JD 29B 100 gal. sprayer $750
NI 214 spreader w/hyd. endgate $1850

USED PLANTERS AND DRILLS

IH 56 4 row $1250
IH 400 4 row 38" $1500
JD Van Brunt drill. $500
IH 249 2R planter. $500
Oliver 2R planter $150
IH 400 6 R 30" Planter, w/insect $3500
JD 1240 4 R wide planter. $1750

Waiver of finance until 5-1-84

MIFFLINBURG FARM SUPPLY, INC.

East Chestnut St., Mifflinburg, PA 17844
Phone: (717) 966-3114
Evenings - 717-524-2924 - Frank Saner

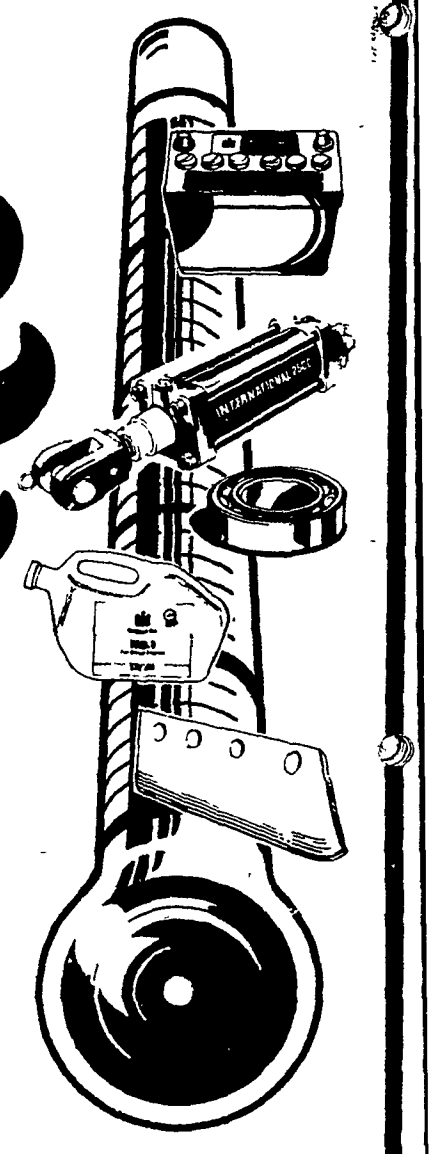
PARTSMART

Catch it. . . .and save!

IH PARTS FEVER

SAVE 10%

on all IH agricultural equipment parts and accessories



One week only, AUGUST 15 through 20!

Load up and save! During IH Parts Fever, put together an order of at least $500 for IH agricultural equipment parts and accessories, and International Harvester Company will send you a rebate check for 10% of the total amount. Every item is included—batteries, bearings, filters, tools, hydraulic supplies, radios, lubricants, tillage parts—so you can see why this is *the* time to assemble a big order and save.

Drive in. Pick up a truckload . . . and save!

INTERNATIONAL HARVESTER

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

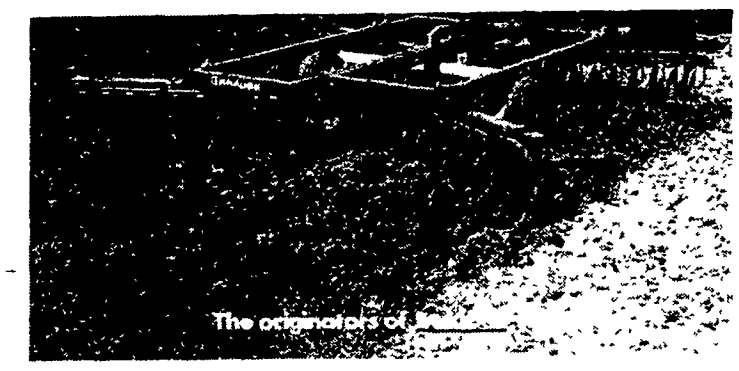
Radio Controlled Trucks For Better Service

C.B. HOOBER & SONS, INC.

Authorized UPS Station
Intercourse, PA (717) 768-8231

BEFORE YOU BUY A DISC —
COMPARE KRAUSE

Below is an example of what you can expect from Krause in a heavy-duty 13 Foot Flex-Wing Disc. Take any competitor's specifications and compare.



Krause 1740 Series

(You fill in the specs for the competition)

FEATURES TO LOOK FOR:	KRAUSE MODEL 1765	COMPETITION
Working Width	12'9"	
Total Weight (w/22" 6 Gauge Blades)	6,780 lbs.	
Weight Per Blade	188 lbs. per blade	
Diameter of Disc Blades	24" (Plain or Notched)	
Blade Thickness	¼" (Std.) - 5/16" (Opt.)	
Gang Bolts	1¾" Thick - Cold Rolled Steel	
Nut on each End of Gang Bolt	Yes (Std.)	
Overlapping Front Gangs	Yes (Std.)	
Tappered Rear Gang Blades	Yes (Std.)	
Spring Steel Bearing Hangers	Yes (Std.)	
Regreasable Bearings w/Rubber Casings	Yes (Std.)	
Spools	Cast - Ductile Iron (Std.)	
Tires	9.5Lx15 6P (Std.)	
Scrapers	Heavy Duty, Individual Adj.	
Transport Width	14'	
Hydraulics	All Standard	

WHAT YOU DON'T SEE ABOVE IS PERFORMANCE

Don't take our word on PERFORMANCE - Try A Krause in your fields and you'll know what we mean when we say,

PERFORMANCE IN THE FIELD is the MEASURE OF A DISC HARROW!

USED EQUIPMENT

TRACTORS

TAG#	DESCRIPTION
W7302	IH 1486D w/Duals, Cab, A/C
W7678	IH F1466D w/Cab 20.8x38
W7372	IH 1466 w/Cab 20.8x38F 3824 Hrs.
W7379	IH 1456 w/Cab 3 Sets IH Rear Wts.
W7951	IH F1086D Frt. Wts., Radio
W7864	IH F1066D, No TA, No Cab, 18.4x38
W8040	IH F966D w/Cab, 18.4x38, Rear Wts.
W7835	IH 500G Crawler Loader w/5' Bucket
W7870	Farmall H w/Pulley
W7928	LeRoi Centour AG 49 w/3 Pt
W7821	IH 4120 Skid Loader w/35" Utl Bkt (new)
W8307	IH F1456D, No Cab w/Duals
W8229	IH F966D, No Cab
W8165	IH 584D, 480 Hrs.
W8045	IH 454G
W7183	Steiger, ST251 w/20.8x34 Duals
W8379	IH 4166 4WD
W8424	JD 2020 G
W8546	AC WD
W8569	Farmall Super C w/cult.
W8429	Farmall Super H

TILLAGE

TAG#	DESCRIPTION
T8102	Krause 2442 Disk
T8204	Kause 2413 Disk
T7049	Krause 2413 Disk w/3 Bar Tine Harrow
T5440	Deere KB Disk
T8034	Deere 110 Disk 10'
T7662	Miller 10' Disk Hyd. Leveling
T7751	Miller 12' Disk
T7413	Oliver 252 10½' Disk
T5584	Sunflower 29 Disk
T6033	A/C 3300 24' Disk
T7688	Ford 4F 16" 3 Pt. Plow
T7562	IH 800 10F 18" Plow Trailing
T7945	IH 710 4F 16" Auto Plow w/Coulters
T6470	IH 540 4F Plow
T8187	Tebban 13 Shank Sub Soiler
T8101	Dunham-Lehr 36' Packer
T8273	Deere H1000, 10' Disk
T8292	IH 350 9' Disk
T8166	Deere BW 10' Disk
T8363	IH 550 5F 16" Plow
T8366	IH 510 5F 16" Plow
T8412	Krause 1112, 16' Disk
T8439	JD TO 220, 17' Disk

PLANTERS & DRILLS

TAG#	DESCRIPTION
V3288	IH 400 Planter 8R Cyclo
V6654	IH 400 Cyclo 4R Planter
V7720	AC 600 6R Planter No-Till, Gran Fert.
V7567	IH 510 21x7 Comb. Drill w/Double Disk Opener
	15' Tye No Till Drill w/Grass Seeder
V8358	IH 400 Cyclo 4R Planter

MISCELLANEOUS

DESCRIPTION	
Moridge Portable Grain Dryer	
V8371	Allied 265 Grinder-Mixer
U8418	NI 279 Cut/ditioner
U7321	Brady 1680 Flail Chopper
U7878	Hesston SM30 Stak Mover

COMBINES

TAG#	DESCRIPTION
U8457	IH 715 G Hydro
U7963	IH 1480
U8421	IH 1460
U8172	IH 1460
U7935	IH 1460, w/6700 Tires
U7961	IH 915D
U7138	IH 915D
U7104	IH 815D
U7244	IH 815D
U7818	IH 715D
U6126	IH 503-C w/430 CH, 13' Header
U7737	JD 6600 w/444 CH, 14' Header
U7757	JD 6600 w/443 CH, 215 Flex Header
U7904	JD E4400 G
U7222	MF 510 D Hydro
U8010	MF 510 D w/1143 CH, 13' Header
U5373	MF 300 w/2R CH, 13' Header
U7158	Gleaner F w/A 330 CH, 13' Header

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

Radio Controlled Trucks For Better Service

C.B. HOOBER & SON, INC.

INTERCOURSE, PA (717)768-8231 - AUTHORIZED UPS STATION - MIDDLETOWN, DE (302)378-9555

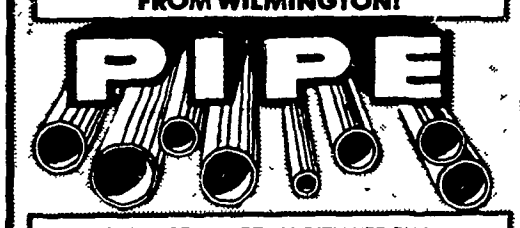
FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

Complete
TRACTOR
&
ENGINE
REBUILDING
Dynamometer
Testing
FOR SALE
A.C. and Wisc. 2 and 4 cyl. power units with or without clutch reduction.

SPRING GARDEN REPAIR SHOP
RD #1 Box 294
Kinzer, Pa. 17535
Joe S. Stoltzfus

H. SCHWARTZ & SONS, INC.

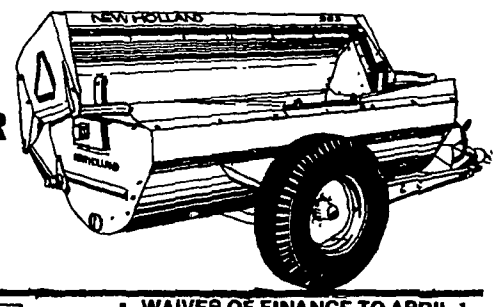
NOW SERVING THE STATE OF DELAWARE DIRECTLY FROM WILMINGTON!



NEW, USED and RECONDITIONED PIPE
STANDARD - EXTRA & DOUBLE EXTRA HEAVY - ALL SCHEDULES - ALL TYPES FABRICATION - THREADING CUTTING — WELDING
121 SO. MARKET ST. - WILMINGTON 19801
302-656-0276 or 215-DE1-4240

NEW EQUIPMENT IN STOCK

NEW HOLLAND MODEL 363 TANK SPREADER $4,595



WHITE FARM EQUIPMENT

WHITE 2-55 Tractor
WHITE 2-65, 2&4 Wheel Drive
WHITE 2-75 Tractor
WHITE 2-85 Tractor
WHITE 2-88 Tractor
WHITE 2-105 Tractor
WHITE 2-110 Tractor
WHITE 2-135 Tractor
WHITE 543, 4 & 6R Planter, No Till
WHITE 5100, 4 & 6R Planter, No Till
WHITE 254 10' 4" Disc
WHITE 348 SAR Plow
WHITE 508 SAR Plow
WHITE 466 Chisel Plow
WHITE 285 Field Cultivator

WAIVER OF FINANCE TO APRIL 1 1984 WITH INTERIM PAYMENT OR...
3%, 6%, 9% APR FOR 12, 24, OR 36 MONTH RESPECTIVELY

SPERRY NEW HOLLAND

NH L425 Loader
NH 707, 718, 782, 892 Harvesters
NH 310, 311 & 315 Balers
NH 847 Round Baler
NH 80 Bale Mover
NH 488, 489 & 1495 Haybines
NH 256 & 258 Rakes
NH 38 Crop Chopper
NH 28 & 30 Blowers
NH No. 8 Forage Box
NH 513, 519, 679 Spreaders
NH 363 Tank Spreader
NH TR75 Combine

KUBOTA

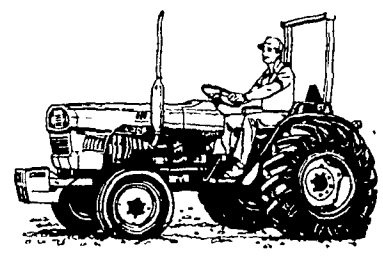
SPECIALS...

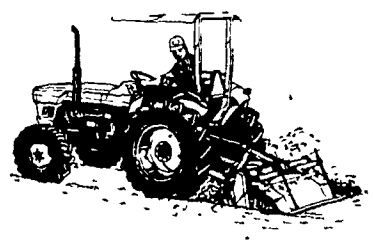
B-8200
4 Wheel Drive $5,500

L-235
4 Wheel Drive $5,800

L-305
4 Wheel Drive $8,500

L-345
4 Wheel Drive
with Loader . $11,500





KUBOTA
We're looking for work.

bobcat
642 & 743

WOODS
Division of Hesston Corporation

TYE
No Till Drill

GLENCOE
7 Tooth
Soil Saver

USED EQUIPMENT

HAYTOOLS

NH 268 Baler w/Thrower
NH 68 Baler w/Thrower
Oliver 620 Baler w/Thrower
NH 469 Haybine
Gehl 880 Mower Conditioner

FORAGE TOOLS

NH Super 717 w/1-Row
NH 707 3 pt. Harvester w/1-Row
JD 15A Crop Chopper

COMPACT TRACTORS

Kubota B6000 E w/Woods RM 59 Mower
Farmall Cub Lo-Boy

TRACTORS

Oliver 1755 w/Cab
MF 175 w/Loader

SPREADERS

NI 212 Spreader
NH 346 Tank Spreader, LH
NH 367 Tank Spreader, LH

TILLAGE - PLANTING

White 5400 Planter
JD 1240 4-Row w/Monitor
IHC 550 5-16 Plow
Oliver 348 3-16 CT Plow

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Honey Grove, PA 17035 - Phone 717-734-3682
Located 14 Miles South of Port Royal on Rt. 75

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East Main St., Honey Brook - Pa. 215-273-3131-273-3737

NEW EQUIPMENT SPECIALS

NH TD 50 Disc	$6100
NH #311 Baler PTO	$6300
NH #315 Baler and PTO	$7540
NH #315 Baler w/thrower	$9350
NH #456 Mower	$2240
NH #258 Steel Tine Rake	$2265
NH #258 Rubber Tine Rake	$2515
NH #28 Blower	$2650
NH #718 Harvester (1 only)	$6100
NH #791 Spreader, 11:20 Tires	$7130
NH #303 Liquid Tank Spreader, Demo Rental w/injectors	$6950
Pittsburgh 3B 18" Auto Reset Plow	$3150
Pittsburgh 4B 18" Semi Mtd. Auto Reset Plow	$5275
Pittsburgh 12' Field Cultivator, 1 only	$1295
Hutchmaster Disc 22x¼" blades D.O.T. Flex Gang 5600 lbs.	$6200
Dunham 3 Bar 8 Tooth Chisel Plow	$1695

ONE ONLY

• SPECIAL DEALS ON THE ABOVE PLUS FREE FINANCE ON NEW & USED NEW HOLLAND HAY & FORAGE EQUIPMENT TILL APRIL 1, 1984 OR 3% 1 YEAR, 6% 2 YEARS, 9% 3 YEARS
SPREADERS AND GRINDER-MIXERS TILL OCT., 1983

SPERRY NEW HOLLAND

DEALER FOR TERRE HILL SILOS
JAMESWAY OSWALT ENSILMIXER DUNHAM
Leasing Available

USED EQUIPMENT

IH 555 Harvester, 2 Row Head & Pickup Head
IH 650 Fg. Harvester w/Pickup
NH 478 7' Haybine, Ex. Cond.
NH 477 Haybine
NH 479 Haybine
JD 1209 Haybine
7' 3 pt. hitch York Scraper Blade w/100 h.p. rating
NH 325 Loader 54" bucket, like new
NH 273 Baler
NH 256 Rake
NH 770 R2 Corn Head
NH 717 N2 Corn Head
NH 717 Pickup Head
NI 326 Corn Picker
NH 519 Spreader
Martin Semi-Solid Liquid Spreader
Case 1830 Skid Loader

DEPENDABLE IS MORE THAN OUR NAME

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RD 1, Myerstown, Pa.
Located 1 Mile S. of Int. 78 & 6 Miles N. of Myerstown on Rt. 645 in Frystown
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Area Codes 215 & 717 Call Toll Free 1-800-692-7467

SPECIAL PRICES ON THESE UNITS!

IH 1066 With Cab Tag 3980 $16,800	MF 255 Low Hours Tag 3473 $10,000	CASE 450 CRAWLER With Loader Tag 3572 $ 7,500
IH 560G Tag 3916 $ 3,500	IH 460D $3,200	IH 1256 Tag 3585 $10,500

USED EQUIPMENT

Tractors
IH F140
IH F400 Gas
IH F460
MF 165D w/Loader
Ford 860
Nuffield 4/25 w/loader
JD 1010 w/cult.
Oliver 66
Case Vac w/cult.

Tillage
IH 450 Plow, 3F
IH 37 Disc Harrow
IH 475 Disc, 17½ ft.
IH 122 Mtd. Disc Harrow
Lely Power Harrow
IH No. 45 Mtd. Vibra Shank
IH No. 45 Vibra Shank, Trailing 14½ ft.

Skid Loaders
Bobcat 500
Bobcat 700
IH 3200
Gehl 2600
Case 1740D

Pickers
Oliver 5 Picker
IH 234 Mtd.

Planters & Drills
IH 249, 2 Row
IH 56 Planter, 4 Row
IH 449 Planter
IH 500 Planter, 6 Row
Pittsburgh 4-Row 3-pt. Cultivator
IH 400 Cyclo 4 Row
JD 494 Planter
JD 15x7 Drill
Ontario 13x7 Drill
Tye No Till Drill

Lawn & Garden
Brinly Plows
IH Cadet 60 Riding Mower
IH 125 Cadet w/Mower
Bolens 5 HP Rider
Snow Blowers
AC Model B10 w/Attachments
Wheel Horse 12 HP w/Mower
Case Riding Mower
MF 12 HP & Mower
MF 7 HP
JD 110 w/Mower and Snow Thrower
Snapper Comet riding mower
Hahn 5 HP Tiller

USED EQUIPMENT

Forage Equipment
IH 550 For. Harv.
IH 650 Forage Harvester
IH 56 Blower
JD 6 Harvester
JD 34 Harvester w/2 Heads
IH Hay Pickup 550/650
IH Direct Cut 350
Fox 546 Harvester
NH 717
IH 42 Blower
NH 23 Blower
Badger 1616 Forage Box
NI Bale Wagon
Papec Box

Hay Machines
IH Cub 222 Mower
IH 990 Mower Cond., 9'
(2) JD 14T Balers
AC 303 Baler
Dearborn Rake

Combines & Cornheads
NI 725 Cornhead
IH 76 Combine
IH 91 Combine
IH 127 Combine
IH 227 Corn Head
IH 429 Corn Head
MF 35 Combine
Oliver No. 40

Plows
IH 531 3F 14"
IH 211 2F 16"
IH 311 3F 16"
IH 312 Plow
IH 411 4F
IH 450 3F Auto.
IH 550 16"
IH 560 Plow
JD 3 pt. 3F Plow

Miscellaneous
Sauder 7 ft. Snow Blade
IH 1850 Loader
IH 2000 Loader
IH 2001 Loader
IH 175 Spreader
IH 540 Spreader
NI 214 Spreader
Simplicity 4211 w/Mower
Waldron Dozer Blade w/IH or JD Mountings
NH 346 Tank Spreader
Winco 1500 Generator
Danuser 8 Ft. Blade 3 pt.
Buck Saw
Hawk Bilt 187
Flail Mower, 5 Ft., 3 pt.
Century 500 Gal. Sprayer w/new pump

SB SB SB SB SB

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

NOTICE

We again have in stock gravity boxes, nice size for teams at last year's prices - $395.

Semi and liquid manure spreaders, uniform side spreading, ground drive, $1695 without auger, $1895 with auger. Order now for fall.

We also now make pit augers with hyd. or PTO drive. Very little maintenance and reasonably priced. All equipment guaranteed for 1 yr.

Also custom welding and sheet metal fabrication.

Elam M. Stoltzfus
RD 1 Box 210 Amish Road
Kinzers, PA 17535

IT'S HAYING TIME

New 16' wooden bale tacks - new, 18' steel bale racks, used Hesston Mower Conditioners. - PT 7, PT 10, 1090, NH 488, 477, 489 Haybines, NI Cutditioners 7' and 9', AC B w/5' Side Mower, NH 451 Sickle Bar Mower, plus 40 or more used sickle bar mowers, 3 pt., fast hitch, mounted, semi-mounted & trailer, IHC 420 Baler, IHC 420 Baler, NH 269 w/thrower, NH 310 baler w/thrower, NH 276 Baler, IHC 425 baler w/thrower very good cond., Hesston 5800 Round Baler, Hesston 4500 square baler w/thrower, Hesston 10 stack hand, Hesston 3 pt. hitch stack mover, NH 1010 Stack Wagon, Fahr Hay Tedders, Grimm Hay Tedders, New & Used bale elevators, Farmec, NH, new Little Giant & Zimmerman hay & grain elevators. Side rakes NI, JD 660 w/Dolly wheel, NH 258, 259, NH, NH 701, 707, 717, 770 Forage Choppers, Gehl 300 chopper w/2 heads, Hesston 7020, 2000-150 choppers, Various Pick Up Heads, Gehl 72 Flail Chopper, used pick-up heads for NH 717, 718, 880, 890, JD 34, 35, 38, AC 780, Grove Forage wagon, NI forage wagon, Ford forage wagon, Gehl 3 btr. wagon w/roof, used Grove Lamco, AC and Dion 2 btr. chuck wagons, used forage blowers, AC, NH, NI, Kools, NI 1 and 2 row corn pickers.

USED TRACTORS

AC 7030 w/cab, 7000 w/cab, 190XT w/cab, 200, 180D, 175D, D17 Gas & Diesel, D15, B, WD 45, D19, JD 4320, 2510, 4020, Diesel, 3020 Diesel, 2640 Diesel, Power Shift w/cab, 620 & 60 both w/power steering, 420, A, B w/cults., IHC 806, 706 Diesel, 656, 544, 504, Super MTA, 364 Diesel, M, H, 230, Super C, A, 140, 154 w/mower, Cubs, Cub Cadets, MF 265, 175, 165, 135, 65, 30, Ford 860, 5000 Diesel, 4000 Gas, 600, 8N, 4000 w/loader, 2000 w/loader, Jubilee.

LAWN & GARDEN

3 pt. - 1 btm. plows, IHC cultivators for Cubs-Super C's, Holland Vegetable Transplanter 2 row 3 pt., New Transplanter 3 pt. 1 row w/water tank, Model 90 Plastic Mulch layer, AC riders - B1 and Big 10 w/mower, 916 Hyrdro w/mowers, New Kubota riding diesel mowers, Roseman 3 gang mower, New and Used Mott Hammer Knife mowers, plus many NEW mowers Woods, Bush Hog, Kubota - and other equipment for the Home or Commercial Grower

INDUSTRIAL & TRACTOR LOADERS

Tractor Loader Backhoes - JD 500C, JD 350, IHC 3414 Diesel tractor loader backhoe, (2) AC 555 Crawler Loaders - one w/winch, Trojan 204 A Loader w/cab rear steering, JD 440 A Gear & Power shift Log Skidders, Great Bend 666 Manure Loader, Case 530 Loader, JD 401 A Loader w/cab & 3 pt. Hitch, IHC 3444 Loader w/3 pt., IHC 2050 w/loader, Royer top soil processor, AC H3 crawler w/6 way hyd. blade.

SKIDSTEER LOADERS

Bobcat 600 Gas, 611 Diesel, Gehl HL4400.

MISCELLANEOUS

FORD Power Unit PTA 510, Heavy Duty, 8' Brillion cultpacker seeder, John Beam 2 row potato harvester, JD 2 row level bed potato digger, MGS Tandem Trailer, NEW Car Mate Car Trailers, Bushog 6' 3 pt. rotary mower, Ford 5 btm. semi-mtd. spring reset plow, Lamco Utility Trailers, used fields sprayers & NI 1 and 2 row corn pickers, plus wide selection of other Farm Equipment.

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Sales and Service
AC, NI, HESSTON, KUBOTA
Located in Northeastern, Pa.
5 Miles East of Honesdale, Pa.
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USED FARM EQUIPMENT

JD 4440 tractor, 145 hrs.
JD 4240, like new
JD 4430 w/duals
JD 2440 w/loader, 710 hrs.
JD L Tractor w/plow & cultivators
MF 205 Diesel Tractor, 325 hrs.
JD 1250 3x16 plow, like new
JD F125, 4x16, 3 pt. plow
12' Oliver transport harrow
JD F45A 5x16 semi-mount plow
JD 1450 5x16 semi-mtd. plow
Freeman loader for MF 135 tractor
Farmhand loader for JD 3010
JD 465 flail spreader, like new
JD 336 baler w/ejector
JD 24T w/ejector for parts, $475
JD 14T baler w/#2 ejector
Gehl 880 9' mower cond., $895
JD #9 sickle bar mower, 3 pt.
JD 567 6 wheel rake, like new
IH 56 corn planter w/disc openers
MM 32 blade transport disk harrow
JD 38 harvester
JD 494A Planter
White 5400 6 row N. no-till planter, 2895, as is
JD 8350 grain drill, dd openers, excell.
JD 8300 grain drill, dd openers
JD FB 13x7 grain drill
JD FB 17x7 grain drill
IH #10 12 disc drill
JD 506 3 pt. 5' rotary cutter
JD 444 corn head
JD 494 planter
JD 6620 sidehill combine w/15' flex platform and 6RN corn head
Badger Spreader

NEW FARM EQUIPMENT SPECIALS

JD 2440 Tractor — Call For Special
JD 410 Round Baler — Reduced Prices
JD Cash Rebate Available on all the above equipment Please call for details

	L.P.	S.P.
JD 115 10' Disk Harrow	4533.00	3850.00
JD 950 Roller Harrow 12'	6133.00	5250.00
JD 90 Skid Steer loader	10,633.00	8495.00
JD 146 loader	3576.00	2750.00
3 point scraper blades. JD 115, 9'	1601.00	1225.00

PACE

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John Deere Sales & Service
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TORQUE AMPLIFIER, CLUTCH & TRANSMISSION PARTS & SERVICE

Complete TA assemblies for 706-1586 are priced at $595 and come with a Dana Co. Heavy Duty Sprag instead of the usual IH sprag. **The Dana sprag is guaranteed for 2 years against failure.** Sprag kits (includes sprag gear, Dana sprag, and piston carrier) and all items for rebuilding your own TA are available to qualified persons. Ramps and carriers for the older style TA's (as in SMTA, 340, 560) are priced at $150 each and carry a 90 day guarantee. We have all the parts needed to rebuild your TA in stock at prices that will save you money. We also have a shop available for complete TA installation. Or, you may split your own tractor and bring the center housing to us, which we can rebuild while you wait (approx. 4-6 hrs.). We also stock New and Rebuilt Water Pumps, Dynlife Clutches, Pressure Plates, and PTO Drive Gears, (Spline-fit into pressure plates) for most IH tractors and combines.

— INTRODUCTORY LISTING OF NEW ACCESSORIES —

Easy-Shift Trans-Brake Control - fits 06, 56, 66, 86 and 2+2 tractors. Eliminates grinding, eases hard shifting, reduces wear, and installs easily in approx. ½ hour. Will work on tractors with or without TA. Priced at $189, shipping included.
New 3 pt. Hitch assemblies - Now available for SMTA, 400, 450, 560, 544-656, 666, Hydro 70, 706-806, 1206, 56, 66, 86 & 2+2 tractors. Also available for cat. II & III models. Prices start at $450.
Drawbars - O.E.M. replacement. Fits 06, 56, 66 & 86 tractors. Standard - $125, Telescoping - $200. Center extension available for $85.
Top-Link Anchor Bracket - with oil fill & dipstick. Eliminates pouring oil through cab & platform. Available for cat II & III tractors. Priced at $90 and $100.
Front Weight Brackets - For IH suitcase weights, fits 06, 56, 66 & 86 tractors. 10 wt. capacity - $90, 12 wt. - $100, 16 wt. - $125, spacer blocks - $18.

— USED PARTS —

We buy and sell used parts and parts tractors. We have a good selection of quality used parts at competitive prices. Please have part no. when calling, if possible.

Selling parts from the following:
Tractors - IH 1066, 806, 756, 706G, 656D, 660D, 460, 450D, 340, 350, 300, M, SM, H, W-D9c, W-6 & A JD 520, 4020, 3010, 2020D, 60, A, B, Oliver 1650 G.
Combines - IH 203, 303, 815-D, 407, JD 30 & 55, MF 35, MF 510 G Quick Tach, Uni- 701, 702 & 705 tractors, also 710 combines & 727 & 737 huskers

Dealer Inquiries Welcome
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Willow Street, PA 17584
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NEW SELF LEVELING INGROUND OR TRANSPORT POSITION

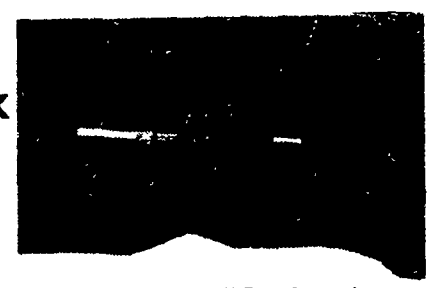
RHINO

R76 DOUBLE OFFSET DISK With Rock Flex Bearing Hangers
A Do-It-All Cut & Finish... And Affordable!

If you want faster incorporation, better seedbeds, and less time in the field, Rhino Products' R76 is the disk for you. The advanced Double Offset design lets you disk at faster speeds, vary the field speed on-the-go, and still leave a uniform, level seedbed behind.

IN STOCK

Guaranteed 2 Years



- 8'10" Cutting Width w/22" Blades w/ Hydraulics & Hoses To Your Tractor. Serial #033220, Approx. 2990 Lbs., Only One In Stock. Reg. Price...$4408 SPECIAL SALE PRICE..... $3250
- 10'3" Cutting Width w/Hydraulics, 22" Dia. Blades, Approx. 3263 Lbs. Serial #063060 + 063061 Reg. Price...$4560 SPECIAL SALE PRICE..... $3421
- 11'8" Cutting Width w/Hydraulics, 24" Dia. Blades, Approx. 3836 Lbs. Serial #053002 & 053003 Reg. Price...$5486 SPECIAL SALE PRICE..... $4,647
- One (1) R77 Similar to Model 76, But Heavier. In Stock: 11'8" Wide. Approx. 4327 Lbs. Serial #063062 Reg. Price...$6459 SPECIAL SALE PRICE ONLY ... $4,947

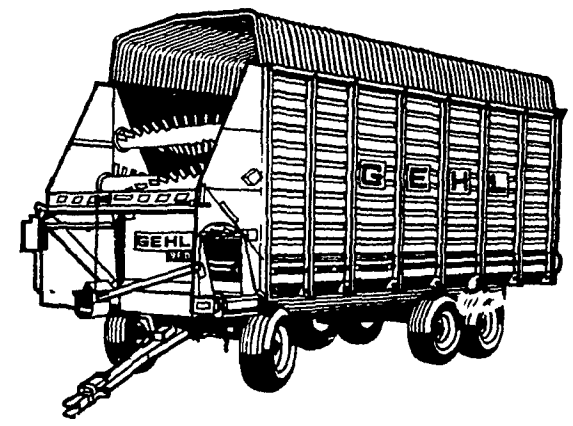
SPECIAL OFFER

on a new GEHL®

STEEL 18 FOOT BOX with 12 Ton Tandem Wagon

Take Delivery NOW!

One Only



Delayed Payment 'til Dec. 1

With 40% down in cash or trade-in you can put a new Gehl forage box to work **NOW** with a final due date of **December 1, 1983!** No curtailments! No interest!! Just Gehl's great 960. 3-speed worm gear drive, fast unloading. Setback auger design for less spillage with staggered speeds. Also new floor design for faster unloading. Serial #31599

ONLY $7,591.00

NEW **HARVEST HANDLER**
16 Ft. Utility Portable Elevator
Light Weight Aluminum

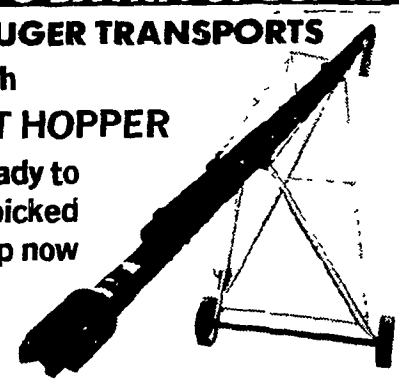
— NOTICE —
We have in stock 1 set of good used axle duals for 3 7/8" axle. Will fit Case 1270, 1370 or 1570 with 3 7/8" axle.

BINKLEY & HURST BROS., INC.
133 Rothsville Station Rd., Lititz, PA 17543
PH: (717) 626-4705
Hours: Daily 7 AM to 5 PM; Sat. 7 AM to 11:30 AM

Check these good buys on new and used equipment

THIS WEEK'S EXTRA SPECIAL

SPEED KING AUGER TRANSPORTS
with
FLEXI-BOOT HOPPER
8x46 PTO
Reg. $2,071
Ready to be picked up now
SALE
$1595



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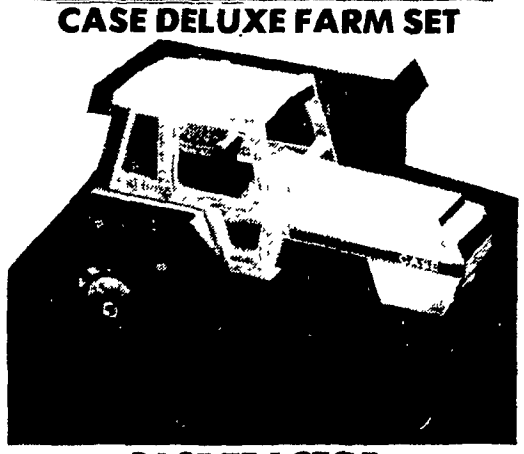
BEAT THE HEAT
PLAY IN THE SHADE
WITH QUALITY
CASE TOYS

10% OFF ALL TOYS IN STOCK
Offer good through July 30th

For The Children:

- ★ Riding Pedal Tractors
- ★ Scale Model Tractors
- ★ Farm Toy Sets

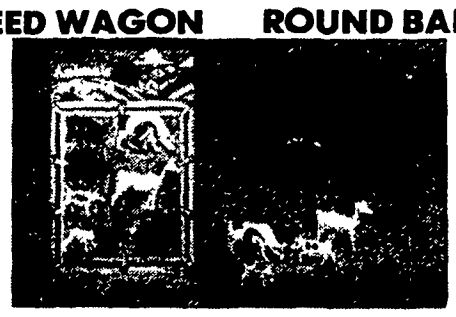
CASE DELUXE FARM SET



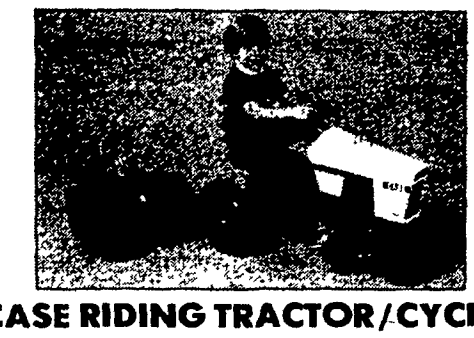
CASE TRACTOR

GRAVITY FEED WAGON

CASE ROUND BALER



COMPLETE LIVESTOCK COLLECTION



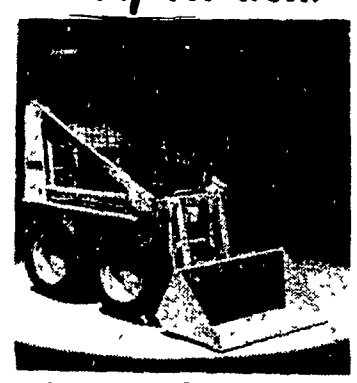
CASE RIDING TRACTOR/CYCLE
CASE TRAILER

USED TRACTOR TIRES

7.50x16 6 Ply Front Tractor
18.4x38 30% Tread Left
13.6x28 20% Tread Left
20.8x38 15% Tread Left

Good Used 1977 Case 1830 Uniloader. Approx. 1033 Hrs. 7.00x15 tires, 60" wide bucket and manure fork
ONLY **$6,900**

Ready for work



Good Used Case 1816B Uniloader
1978 Model 44" Bucket, Narrow tires
Serial #9837766
Only 886 approx. hrs.
ONLY **$3,600.00**

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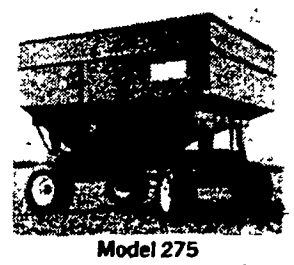
DON'T BUY ANY AUGER UNLOADING FORAGE BOX UNTIL YOU SEE OUR CONTINUOUS DRIVE
GEHL
ECONOMICAL UNLOADING FORAGE BOX

Gehl's 640 self-unloading forage box gives you high capacity unloading for quick field-to-silo-to-field cycles. Time-saving features include front safety bar and side safety cables for quick shutdown, plus a large 16' cross conveyor auger that unloads the heaviest loads quickly, evenly. For economical unloading, stop by and see the Gehl 640 forage box today!
In stock serial #3486 6x14' 3 beater roof Mounted on Heavy Duty 10 ton wagon with 11Lx15, 8 ply tires and quick hitch.
Cash Price **$4,515.00**

McCurdy

the Old Reliable



Model 275

- ★ Before You Buy, Check With Us
- ★ Most Sizes In Stock For Quick Service And Availability
- ★ We Sell in Volume

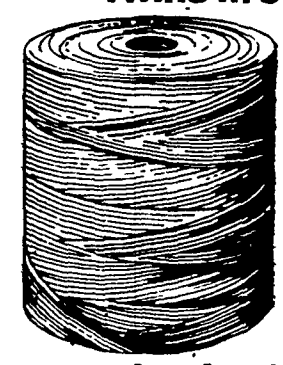
Like New AC Model 2500 12 Ft. Disc, Rock Flex Hanger, Double Offset Cut Out Front, Smooth Rear
JD 22 Ft. Model 220 Center Fold Disc 22" Blades w/Cover Disks 9" Spacing
Brillion 12½' Field Cultivator w/Midwest Harrow Buster Bar
Bush Hog Model 1439 18' w/Hy Wing Fold 9" Front 7½ Rear Spacing New 22" Blade
JD Model 110 13'10" Transport Disk w/New Blades
AC 19' Manuel Wing Fold 20"-21" Blades
Rhino 131 12'11" Transport Disk w/New Blades On Front
Case Model 100 Forage Blower
12 Ton Tandem Gear w/Quick Hitch
Case 35 Ft. Bale Elevator With Corn Drag Attachment
Smoker 36 Ft. Bale Elevator
McCurdy Corn Drag With Motor
Owatonna Grinder & Mixer
John Deere Trailer Sprayer, Stainless Steel, 200 Gal. Tank With 27 Ft. Boom
Spray Rite Sprayer, 200 Gal. Tank, 3 pt., 2 Electric Spinner Centrifugal Pump
Dunham 8 ft. Cultimulcher
3 Bottom Trailer Plow
New 3 Pt. 8 Ft. Scraper Blade $348
Used 6 ft. Scraper Blade 3 pt., $189
MF 3 pt. 4-16 Trip Plow w/Trash Boards
IH Model 401 4-Section Spring Harrow

POTATO DIGGING TIME IS HERE
BUY NOW - GET 10% OFF

DIG YOUR POTATOES THE EASY WAY!
They Do Work!
The 3 PT. HITCH, 1 ROW
POTATO PLOW
HEAVY ANGLE TOW BAR
Features:
- FRAME - Welded Construction
- SHANK - 1"x4"
- HITCH - Standard Category 1
- BUSHER SHAPE

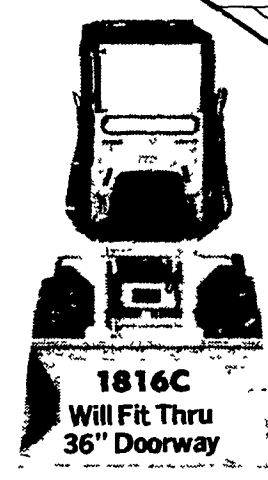
$97.85
COMPLETE
LESS 10%
IN STOCK

Clover 9000 Baler Twine in Stock



19.95
also available
20,000 ft. plastic for round balers
23.00

WE HAVE'EM! NEW & USED SKID LOADERS TO FIT YOUR JOB



1816C
Will Fit Thru 36" Doorway

Before You Buy A New Skid Steer Loader From Anybody —
CHECK WITH US!

By Specializing, We Sell Over 40 Units Per Year. You, Too, Can Be One Of Our Satisfied Customers!

BINKLEY & HURST BROS., INC.

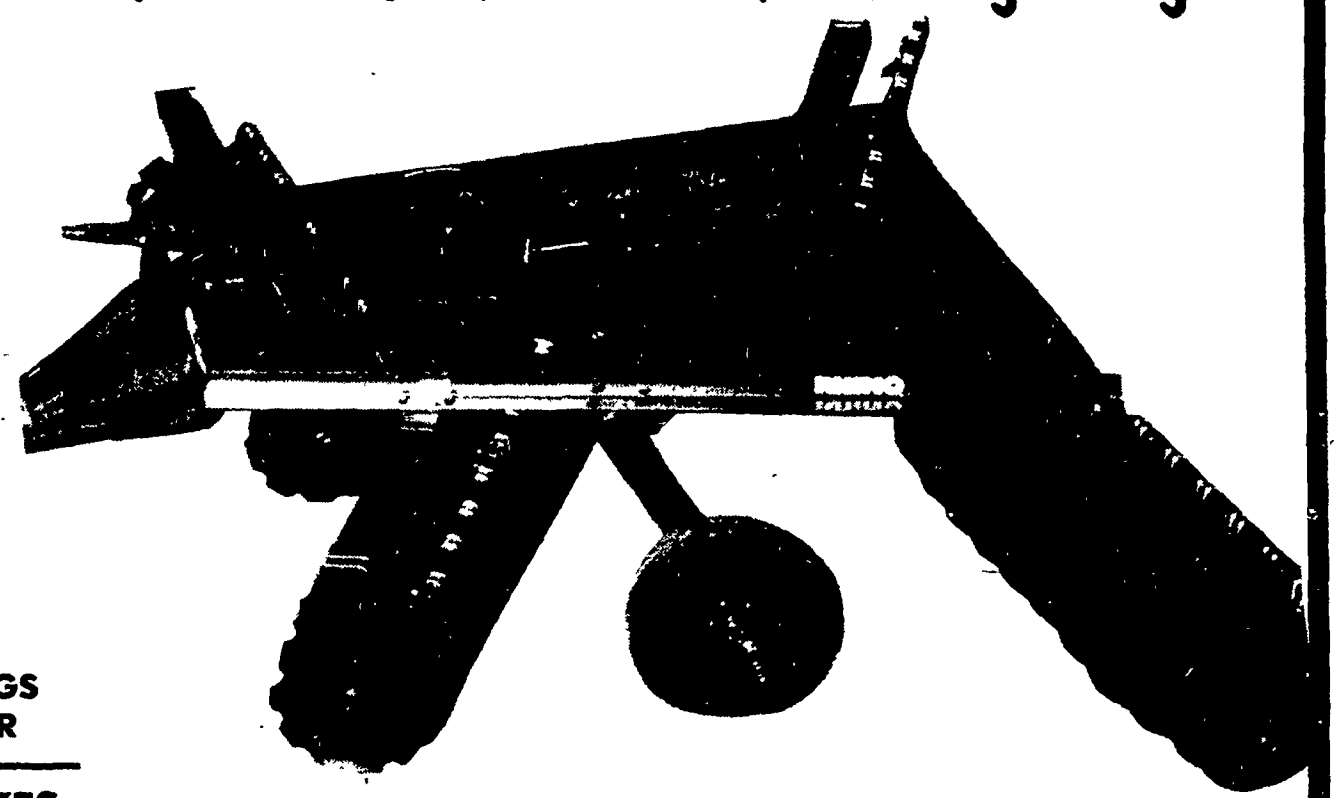
133 Rothsville Station Rd., Lititz, PA 17543
PH: (717) 626-4705
Hours: Daily 7 AM to 5 PM; Sat. 7 AM to 11:30 AM

Something New... A Disk Harrow That Is Self-Leveling With A Flex Frame And Rock Flex Bearing Hangers

RHINO

MODELS:
076
077

DOUBLE OFFSET
With Or Without WINGS



A Do-It-All Cut & Finish... And Affordable!

If you want faster incorporation, better seedbeds, and less time in the field, Rhino Products' R76 is the disk for you. The advanced Double Offset design lets you disk at faster speeds, vary the field speed on-the-go, and still leave a uniform, level seedbed behind.

2 YEAR GUARANTEE ON QUADRASEAL™ ROLLER BEARINGS AND THE C CLAMP FLEX HANGER

AVAILABLE IN THESE SIZES:

8'10"	13'11"	18'3"
10'3"	14'6"	18'10"
11'8"	15'1"	21'8"
12'3"	15'11"	22'2"
12'6"	16'3"	

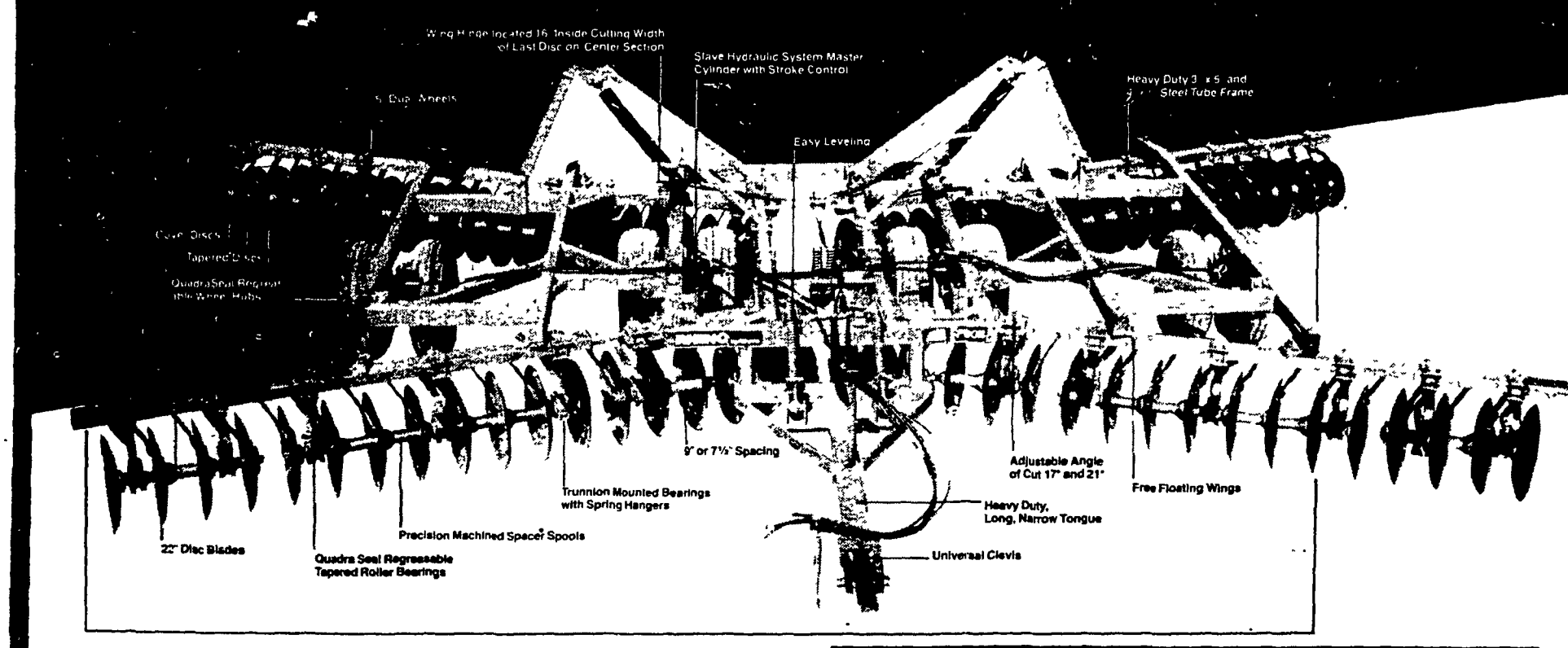
NOTICE: NEVER! NEVER! BUY A DISK HARROW BEFORE YOU CHECK THE UNMATCHABLE SUPERFOLD EXCLUSIVE AT OUR BEST PRICE!

NO NEED TO DEMONSTRATE THIS MACHINE... IT HAS PROVEN ITS PERFECTION!

Rhino Flex 90B Gives Guaranteed Satisfaction, Buy with confidence from a reliable dealer. Now is the time to save $ $ $

RHINO by Athens

Double Folding Narrow Transport That Really Cuts And Levels...It's Your Best Quality At A Great Price!


Wing Hinge located 16" Inside Cutting Width of Last Disc on Center Section
Slave Hydraulic System Master Cylinder with Stroke Control
Heavy Duty 3" x 5" and 4" x 6" Steel Tube Frame
Easy Leveling
Cast Discs
Tapered Discs
QuadraSeal Regreasable Hub Taper Hubs
9" or 7½" Spacing
Adjustable Angle of Cut 17° and 21°
Free Floating Wings
Trunnion Mounted Bearings with Spring Hangers
Heavy Duty, Long, Narrow Tongue
Precision Machined Spacer Spools
22" Disc Blades
Quadra Seal Regreasable Tapered Roller Bearings
Universal Clevis

NOTICE: NEVER! NEVER! BUY A DISK HARROW BEFORE YOU CHECK THE UNMATCHABLE SUPERFOLD EXCLUSIVE AT OUR BEST PRICE!

NOTICE! If You Incorporate Chemicals, Rhino Flex 90B Has An Exclusive Disk Blade Spacing Which Is Very Important! 7½" or 9" Disk Blade Spacing OR A Combination 9" Front 7½" Rear, Which Is Better For Chemical Incorporation.
Don't Settle For Less, Get The Best, At A Much Better Price!

BINKLEY & HURST BROS., INC.
133 Rothsville Station Rd., Lititz, PA 17543
PH: (717) 626-4705
Business Hours: Mon. - Fri. 7 AM - 5 PM: Sat. 7 AM - 11:30 AM

Heavy Duty Cut & Unmatchable Leveling From 15 Ft. to 27 Ft. At Prices You Can Afford, Don't Hesitate... *Call Now!*

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

BALDWIN ELECTRIC MOTOR DIVISION, INC.

REPAIR & REWIND - ALL BRANDS
AC & DC MOTORS
Call 717-354-5566
Call 717-354-4651
BALDOR ELECTRIC MOTORS
Warehouse and Factory Service
½ hp. thru 10 hp. 1 ph.
½ hp. thru 100 hp 3 ph.
FARM DUTY MOTORS IN STOCK
P.O. Box 232, Honey Brook, PA 19344

GAS & DIESEL ENGINE REPAIR

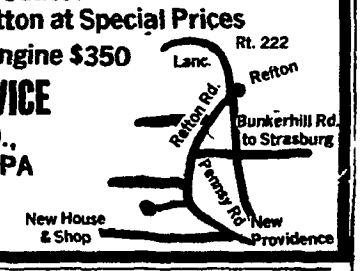
LOMBARDINI • Experience • Reasonable Rates
DIESELS SALES & SERVICE New & Used Gasoline & Diesel Engines
BRIGGS & STRATTON

- Uniroyal V-Belts A-28 to A-60, B-35 to B-108
- Kendall Motor Oils (Special Drum Prices)
- Large Stock of Wisconsin and Briggs & Stratton Parts
- Galvanized Pipe and Fittings ½" - ¾" - 1"
- Baldwin Oil Filters • Conklin Products
- New 2 hp. to 10 hp. Briggs Stratton at Special Prices

10 HP Briggs & Stratton Engine $350

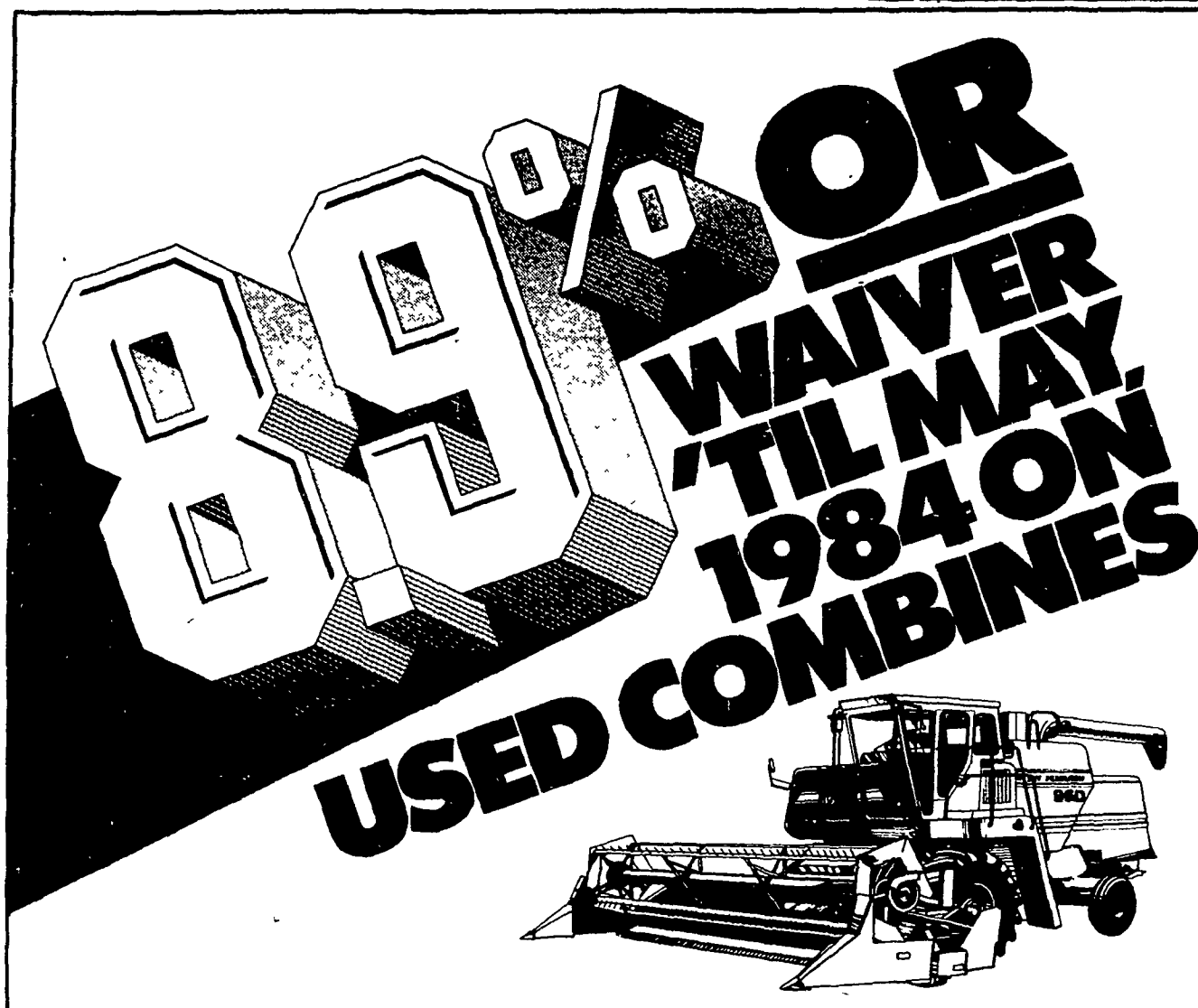
KENDALL MOTOR OIL

BEILER ENGINE SERVICE
245D PENNSY RD.,
NEW PROVIDENCE, PA
Check Our Prices



FOR SALE

2 20x70 white topped harvestores with painted American flag, like new
1 Goliath unloader with new top and bottom chains.
2 new crop carrier 8 NH original paint forage wagons
1 large NH blower, 1 260 MF forage cutter with 2 heads
717-374-8178



- 8.9% APR financing from MF — PLUS $500 MF Purchase Certificate good on MF parts or subsequent MF equipment purchase
- OR waiver of finance charges 'til May of '84, plus the MF Purchase Certificate

Down payment and qualified credit required.

TAKE YOUR PICK!

1980 MF 760 V8 15 ft. Grain & 1163 Corn Head	$62,000
1976 MF 750 4 wheel drive, 6 row, 4 row corn head and 15 ft. floating grain table	$39,000
1977 MF 750 Hydro with grain saver	$29,000
1977 MF 510 Hydro cab w/air condition	$19,000
1976 MF 750 gear	$26,000
1976 MF 750 hydro	$19,500
1976 MF 750 hydro with straw chopper	$29,000
1975 MF 510 gear air conditioned cab	$19,000
1975 MF 750 hydro	$22,000
1975 MF 750 gear with grain saver	$26,000
1975 MF 760 hydro	$26,000
1975 MF 760 hydro V8	$29,000
1975 MF 300 gas cab like new condition	$15,000
1974 MF 760 hydro	$25,000
1973 MF 760 hydro	$24,500
1973 MF 750 gas gear drive, excellent condition	$17,000
1972 MF 510 gear with cab	$12,500
1972 MF 510 gear with cab	$10,500
1972 MF 300 gas with cab	$10,500
1971 MF 410 gas with cab	$8,500
1971 MF 410 diesel with cab	$8,500
1972 MF 510 diesel with cab	$8,500
1971 MF 510 diesel with cab	$12,500
1972 MF 510 diesel with cab	$12,000
1972 MF 510 diesel with cab	$12,500
1969 MF 510 diesel with cab	$12,500
1968 MF 510 diesel with cab	$10,000
1968 MF 510 diesel with cab	$15,000
1968 MF 510 diesel with cab	$13,500
1967 MF 410 diesel less cab	$6,500
MF 300 gas	$3,500
IH 203 w/corn & grain head	$3,000
Gleaner "A" gas	$2,000
JD 45	$2,100

Above Combines include Grain Tables
Less Corn Heads
Three 10 ft; four 13 ft.; six 14 ft.; eight 15 ft.; five 16 ft. Grain Heads nine 2 row 38"; fifteen 4 row 38"; six 4 row 30"; eleven 6 row 30"; two 8 row 30" Corn Heads

MF Massey Ferguson
Your Business Machines

But hurry...this offer is for a limited time only. So see us today!

M.M. WEAVER & SONS, INC.

Leola, PA 17540 (717) 656-2321
Located: 4 miles West of New Holland on Route 23,
1½ miles Northeast of Leola
on the North Groffdale Road, 1 mile on the right,
opposite Groffdale Mennonite Church.

USED TRACTORS

Waiver of Interest until March 1, 1984

- '67 JD 4020 diesel, wide front
- '64 JD 4020 Diesel, wide front
- (1) '78 4240 cab, quad range, transmission, 18.4x38 tires, low hours
- '76 JD 8630, 4WD w/dual 30.5x32 - 24.5x32 dual tires, 3765 hrs., nice condition
- '68 JD 5020 With Duals
- '75 JD 4430, cab, air, synchro transmission w/creeper gear & dual 18.4x38 tires
- '59 AC D17 Diesel
- '69 Oliver 1850 Diesel
- TO-30 Ferguson
- 8-N Ford
- Kubota 245 tractor w/turf tires & 5' belly mower

CORN PLANTERS

Waiver of Interest until April 1, 1984

- '82 AC Model 333, 15-20" Row, No-Till Bean Planter, Dry Fert., Insecticides
- JD 7000 8-30 Dry Fert. No Till Coulters Insecticides, Monitor
- IH 6-30 air planter
- JD 1250 plateless

USED CHISEL PLOWS

- IH 13', 3 Pt.
- Graber 26" Flex

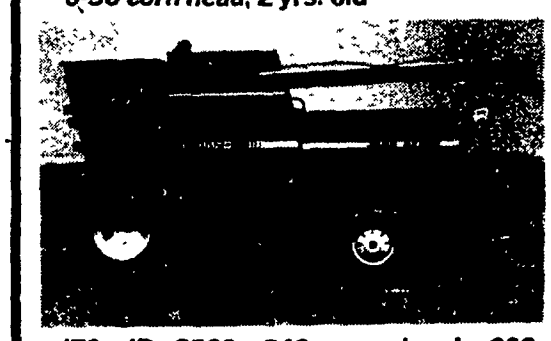
USED PLOWS

- JD F145 - 5-16 Semi Plow
- JD F145 - 5-16 Semi Plow w/harrow attachmant

USED COMBINES

Waiver of Interest till May 1, 1984

- '72 JD 4400 - 14 Ft. Platform
- '75 JD 6600 Rotary Screen, 15 Ft. Platform
- '71 JD 7700 - 220 Flex Platform
- '74 JD 7700 - Rotary Screen, Mud Hog Drive, 16 Ft. Platform
- '79 TR-70 NH w/15' flexbar & 6-30 corn head, 2 yrs. old



- '79 JD 8820, 843 corn head, 220 flexible cutter bar

'81 JD 8820 4 wheel drive, factory duals, 1100 hrs., w/1243 corn head & 220 flex cutter bar, exc. shape

CORN HEADS

Good Selection of John Deere
343-443-444-643 Cornheads

MISCELLANEOUS EQUIP.

- JD 653 row crop bean head
- JD RG4 cultivator
- JD 27 flail shredder
- Brillion 3 pt. 4 row cultivator
- JD BWA 14' Disc Harrow
- M&W 450 grain dryer, PTO dry
- JD 210 14' disc harrow
- JD 38 Harvester w/2 RW Head
- JD 38 Harvester, Electric Controls, w/2 RW Head, 5½' Pickup Attachment
- JD RG8 Cultivator, 8-30" Rows
- JD 1210 Grain Cart 400 Bushel

W.N. COOPER & SON, INC.

Morgnec Rd. Rt. 291
Chestertown, MD
301-778-3464

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

★ ★ SPECIALS ★ ★

TRACTORS
PLOWS
RAKES
FORAGE
WAGONS
BALERS
DISC MOWERS

S.G. LEWIS AND SON, INC.

RD #2, Box 66, West Grove, Pa.
215-869-2214
All Hay Equipment Free Finance until 6/1/83

OTHER SPECIALS

FORAGE

SNH #718 Forage Harvester w/#822 corn head $8,000
SNH #25 Blower $1,600
SNH #8 Crop Carrier w/roof & 238 wagon $7,100

HAY

SNH #451 Mower w/7' Cutter Bar $1,860

5 Bales Twine with Any Used Baler Purchased In July

SPREADERS

SNH #301 Liquid Spreader, 540 Drive w/soil ejector & coulters $8,500

Don't be fooled by lower prices on "will-fit" parts. The management of other brand dealerships recognize the value put into genuine Sperry New Holland parts and service.

This is what made Sperry New Holland the leader and No. 1 in hay and forage equipment. When a problem arises or you need parts or service, call your authorized Sperry New Holland dealer.

215-869-2214 or 215-869-9440

Long 910 tractor, 700 hours, torque, front & rear weights, triple hydraulic, winter enclosure, $4975

Adamstown Equipment, Inc.
Adamstown, PA
215-484-4391

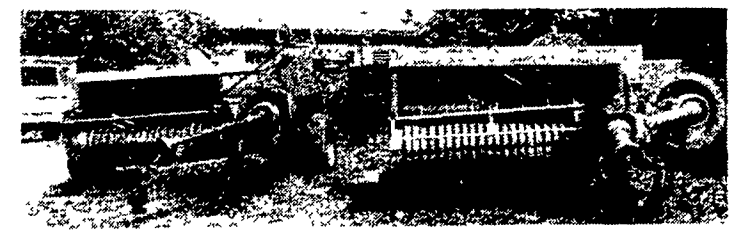
Adams Industrial Machinery, Inc.
Woodworking & *Metalworking* Machinery Bought & Sold
717-632-3443
Adams County

FARM EQUIPMENT

NH 479 HAYBINE
EX. COND.
$2,550

SHOVER'S
Loysville, Pa.
717-789-3117

USED HAYING TOOLS



#209 MF - 128 Used Baler With Bale Thrower $3600
#202 Deutz-Fahr HD-400 Used Baler 14x18 in. $2600
#178 Deutz-Fahr Disc Mower 7 ft. Demo $2000
#205 Vicon Tedder, 10 ft. PTO Driven $900
#212 Kuhn Tedder, 17 ft. Wide, PTO Driven ... SOLD
#201 JD 480 Mower-Conditioner, 9 ft. $1300

TERMS: 40% Down, Balance Due 5/1/84. 10% APR Finance Charge On Balance With Approved Credit.

From Our Service Dept:
10% Parts Discount On All Tractor Repairs Over $500 - Total.
Limited Time Offer

Stauffer Diesel Inc.
New Holland, PA (717) 354-4181

IH PARTS FEVER
SAVE 10%
on IH Parts and Accessories

Catch it . . . and save!
For one week only—August 15 through 20.

Come in and save! Buy all the IH agricultural equipment parts or accessories you need. If your purchase totals $500 or more, you'll receive a rebate check for 10% of the total amount directly from International Harvester Company.

Bring in your truck. Load up and save!

PARTS VALUE OF THE MONTH

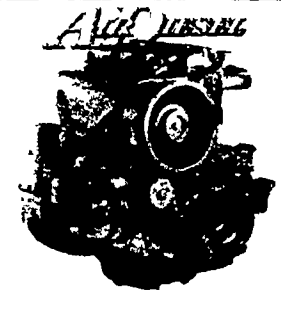
INTERNATIONAL HARVESTER

PARTSMART

ERB & HENRY EQUIP., INC.

New Berlinville, PA 19545
PH: (215) 367-2169

DEUTZ DIESEL SALE



We have an overstock of an OEM Version engine. Suitable for ag and industrial applications. Particulars: 4 cyl. diesel, 230 CID 67 Hp @ 2300 RPM. 737 lbs. complete w/starter & alternator. List Price is $6007.

5 units, call for specifications, ask for units #1619-1623. New Stock - New Warranty. Buy from us or one of our dealers - names upon request

$3895.00 ea.
(plus $40.00 B.F.)

— PLUS —

#1329 F6L-912, 6 cyl. basic 100 Hp. Rebuildable. W/new piston/cylinders included $1850
#1598 B/F6L-912/913 6 cyl. 125 Hp. turbo. Excellent condition $3200
#1618 F5L-912, 5 cyl. 83 Hp. Rebuilt ..... soon
#1643 F12L-413, V-12, 286-300 Hp. Good Used $7000
#1644 F2L-712, 2 cyl. 20 Hp. Rebuildable $250
#1672 F2L-912, 2 cyl. 25 Hp. Used $1200
#1500 F5L-912, 5 cyl., 83 Hp., P.U. Version. Used under 100 Hrs $4550

— USED & REBUILT MINING ENGINES —
Good, Low Cost Diesel Power

3) F4L-812, 4 cyl. 52 Hp. @ 2300 RPM
1) F2L-812S, 2 cyl. 26 HP @ 2300 RPM
2) F6L-812, 6 cyl. 78 Hp @ 2300 RPM
2) F6L-912W, 6 cyl. 80 Hp @ 2300 RPM
1) F2L-410, 2 cyl. 22 Hp @ 2500 RPM

Call For Details. Ask For Harold.

Stauffer Diesel Inc.
New Holland, PA (717) 354-4181

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

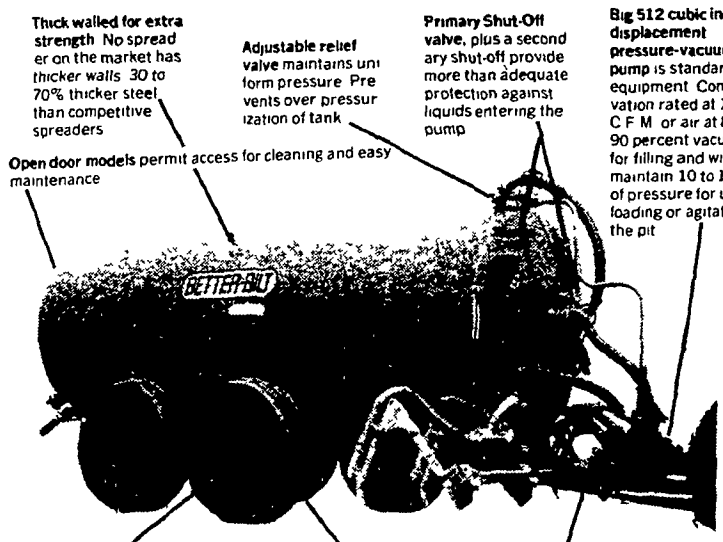
BRICKERVILLE EQUIPMENT

SALES * SERVICE * PARTS

537 E. 28th Div. Hwy. Lititz, PA 17543

717-626-6198

Outstanding Features


Thick walled for extra strength No spreader on the market has thicker walls 30 to 70% thicker steel than competitive spreaders
Adjustable relief valve maintains uniform pressure Prevents over pressurization of tank
Primary Shut-Off valve, plus a second ary shut-off provide more than adequate protection against liquids entering the pump
Big 512 cubic inch displacement pressure-vacuum pump is standard equipment Conservation rated at 135 C F M or air at 85 to 90 percent vacuum for filling and will maintain 10 to 15 lbs of pressure for unloading or agitation in the pit
Open door models permit access for cleaning and easy maintenance
BETTER-BILT
Walking beam suspension Standard on 2 600 3 150 3 600 and 4 600 gallon models (Optional on 1 500 & 2 100 gallon models) Front & rear wheels on each beam follow contour of the ground provides a smooth level ride
Flotation tires reduce soil compaction let you spread on soft ground early in season
Massive frames resist the wrenching twisting jolting shocks of hard field usage year after year

Sizes - 800 gal. thru 4600 gal.

Both vacuum & augermatic spreaders for truck mount or trailer type

1 - 1974 Ford LT 9000 tandem axle tk tractor with PT 270 Cummins engine, 6 speed Fuller trans., power steering, air slide 5th wheel, good 10.00x20 tires.

SPECIALS

1 - Used Better Bilt Auger-Matic Spreader SOLD 3150 gallon.
1 - Used 2 Knife Plow Down Attachment For 3150 Spreader, Used Very Little
1 - Used 2100 gal. Vacuum Spreader w/New Paint, Rebuilt Pump, New Hose

CALL US FOR YOUR NEEDS OF

- Farrowing Crates
- Lagoon Pumps
- High Pressure Pumps

Case GEHL HESSTON SAME

★ USED EQUIPMENT SPECIALS ★

USED TRACTORS
Case 870 w/Cab & Air Cond.
Case 885 w/loader
Case 1070
Case 1030
JD 3010
MF 1085

USED SKID STEER
Gehl 2600
Gehl 3000
Gehl 4500 (1979)
Case 1740
Case 1830
Case 1845 Gas or Diesel
Case 1845 (1979) Exc. Cond.
Owatanna 1700

USED WINDROWERS
Hesston 420
(3) Case 555's
Gehl 1090
IH 225 Self Propelled

USED BLOWERS
IH 56
Fox Blower
(2) Gehl 99
Oliver (Kools)

WAGONS
(2) Grove Wagons w/Hyd. Drive, 16'
Grove Wagon, 2 Beater, 14'

USED HARVESTERS
Gehl 3 Row Narrow Cornhead
(2) Gehl CB600's
Gehl CT300
Hesston 2000
Fox Super 1000
JD 3800

USED PLOWS
Ford 5-Bot. Semi Mtd. Plow
Case 308 3-Bot. Semi-Mtd. Plow (New)

USED BALERS
Hesston 5600 Round Baler
Case 230 Conventional Baler w/kicker

UTILITY CRAWLERS
Case 750 Loader

MISCELLANEOUS
Case 580 Backhoe
Sauder Loader For 8N
Cagle 500 Sprayer with Foam Marker
187 Hawk Bilt Spreader
5' Sidewinder Mower (New)

STOUFFER BROS. INC.

1066 Lincoln Way West, Chambersburg, Pa.
Phone 717-263-8424

TRIPLE H EQUIPMENT

VERMEER Vicon

Peach Bottom, Pa.
717-548-3775 or 717-548-2094

ROUND BALERS
4-New Vermeer Balers
2-Demo Vicon Balers
1 Demo 504H Vermeer
Hesston 10 Stack Mover

MOWER CONDITIONERS
NI 272 Cut/ditioner
1-KM 240 8' (new)
1-CM 240 8'
1-CM 205 7'

RAKES
1-8 Wheel V Rake
1 Vermeer R23B Twin

PLANTINGS AND TILLAGE
1-George White 510 Gal Sprayer
1 10' Vicon Power Harrow
1-15' Vicon Power Harrow
1-Haybuster No Till Drill 10'6'
1-Used JD 1300 Corn Planter 6 Row
1-New 8' Scraper Blade
JD Model 70 w/bucket $4000

SPECIAL OF THE WEEK
New Vicon 8' Mower Conditioner $8600

See you at Pa. Forage & Dairy Day, Hershey, Pa., Tues, July 19th.

Dismantling Combines for parts over 200 all makes and models. Call before you come.

IH 64, 76, 80, 82, 125, 127, 141, 101, 151, 91, 93, 203, 303, 403, 503, 205 & 815. JD 12 A, 25, 30, 40, 45, 55, 95, 105. AC 60, 66, Gleaner A, C, CII, E or L. MF Clipper, 26, 27, 70, 80, 90, 72, 82, 92, 35, 300, 410 & 510. Oliver 33, 35, 40, 430, 525 & 545. Ford SP & pull. 701 NI Uni tractor, NI Uni - 705D (ear corn unit), combine & shellers, Case 800 & 660, 600.

COMBINES
IH 80 pull type auger feed, $1500, Sharp
Gleaner C2, 13' grain head
Massey 92 w/12' grain head
IH 205 w/10' grain head, 2R corn
IH 105, cab, grain & 2 row corn, $2500
Gleaner E 10' grain and 2R cornhead
Gleaner A2 w/cab & grain head
Massey 101 wWF, $500
Oliver 60 w/cults., $750
IH 300, $1000
NH 985 cab with quick-tach grain head

TRACTORS
Late JD A w/hydraulics
530 Case Backhoe
Oliver Super 77 w/hyd.
IH 856 Diesel, 3 pt., $6550
IH 706 Diesel, 3 pt., $3900
Farmall BN w/btm. plow & cult. $1050
IH 460 gas, full equipped, needs clutch, $1600
IH Super M
IH 200 fast hitch
IH 560 - diesel, standard-type, 65 HP, makes good belt power tractor
VAC Case

TILLAGE
10' transport roller harrow
IH 11' wheel disc
IH 13' wheel disc, your pick $1000
IH 12' drag disc, choice $185
IH 4 bottom 16" steerable plow, $775

MISC.
#7 NI Picker
323 NI Picker
IH 105 grinder mixer, $1100
New bale thrower wagon
Sauder loader, $100
2-IH 5 btm. 16" steerable plows
2-JD 34 harvesters, choice $500
JD side mount mower
New J&M gravity flow box
JD 480 haybine
2-IH PTO mowers, $100 each
IH loader, H or M, $225
JD 3 btm. 14" trailer plow, $150
3 pt. Hesston round balemover, $450
NH 717 harvester
Dump trailer will haul 12 T shelled corn, suitable for tractors 100 HP or over
IH PTO spreader, $375
JD unloading wagon
JD 1450, 6 btm., 16" plow, on land hitch, $1575
Selling parts off of Hesston 320 SP haybine
2 used bale wagons $750 each

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts

JD 2010, 70D, 4010, IH 560 D, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut. Supers C, H, & M. JD A B 50 & 60. AC WD, WC D17. Oliver 70 & 77. Ford 8N, Ford 6000D Case SC & V.A.C., DC. Massey 44D, 333, 30 MF 85D IH 400, MTA, 240, F20, WD D2 Cat crawler. JD 70 G, Oliver crawler, 2 Oliver crawler loaders.

Dismantling 50 pickers for parts

KEITER'S FARM MACHINERY

R.D #1 Halifax PA 17032 Rt. 225 20 mi. from Hbg.
Phone: 717-362-9574

SPECIALIZING IN
GARAGE SERVICE JACKS

"NEW JACKS"
AJAX-WALKER
MODEL 95632
1½ TON - $199.00
List $363.00

REPAIRS
NEW & USED
WALKER • AUSCO
• HEIN • WERNER
WEAVER • BLACKHAWK

BEARTOWN HYDRAULICS

Rt. 322, Midway Between Honey Brook & Blue ball
Mon., Tues., Thurs. & Fri. 7 AM - 5 PM
Ron Zimmerman
(717) 354-5649

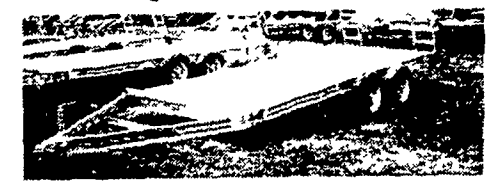
WENGERS INC.

251 South Race Street
Myerstown, PA 17067

717-866-2135

Nights Phone: 717-866-7147 or 717-273-9089

CONSTRUCTION EQUIPMENT



NEW 1983 TRAILERS ON SPECIAL
- 1 Axle, 2 Ton $1150
- 2 Axle, 4 Ton $1350

RUBBER TIRED LOADERS
JD 544B $28,500
OMC 770. . . . $16,500
Michigan 55 . . . $8500
Prime Mover LD50 . . . . . $12,500
Hough HM - As is. $2500
Case W7 . . . Coming in

BACKHOES
Ford 7500 . . . $20,000
Parsons $5950
Case 580B . . $12,500
Ford 4500 . . . $10,500
Ford 5500 . . . $12,500
White 4-80. . . $16,500
Long 5 in 1. . . $16,500
(2) IH 3400A. . . $8950
IH 2504 . . . . $6950
IH 3820 . . $16,500
MF 70 . . . $16,500
JD 410 . Coming in
IH 3600. . . . Coming in

BACKHOE ATTACHMENTS
IH 3141 . . . . . $2000
Sherman. $650 $2000
JD 93 . . . . . $3500
JD 93A $4900
Case. . $1750 & $2500
McConnell $2200
Long - New $4250

TRACTORS WITH LOADERS
Case 580CK . . . $6950
Ford 600. . . . . $3650
MF 20C. $5950
Ford 8N $2650

CRAWLER LOADERS
Cat 955K. . . . $21,500
Cat 933 . . . . . $8500
Cat 951B. . . . $19,500
Oliver OC6. . . . $2500
JD 350 . . . . . $5475
JD 350B w/Backhoe. . . $18,500
Cat 977L. . . . $59,500
Oliver OC3. . . . $2500
JD 350 w/4 in 1 . . . . . $8950
Case 350 . . $8950
IH 340. . . . . $4500

SKID LOADERS
OMC 1700 Diesel. $6500
Case 1845D Coming in

DOZERS
Cat D8H . . . $18,500
Old Cat D8 . . . $2000
JD 450 6 Way $12,500
Case 350 6 Way $9500

CONSTRUCTION DUMPS
1974 IH Diesel w/9' Body - Air Brakes. $10,900
1946 GMC 10 Wheel Dump $5000
(2) Mack 25 Ton Rock Trucks. . . . . Call
(3) Mack 20 Ton Rock Trucks. . . . . Call

MISC. CONSTRUCTION
(40) Used hoe buckets . . . From $150
(25) Loader buckets . . . From $100
(30) Set forklift forks . . . . . From $300
(6) Winches. . . . . Call
Adams Grader . $2300
Mortor Mixer . . . $650
Hein Warner C12 Hydraulic Backhoe $6000
Wayne 984 Diesel Street Sweeper $8950
1 Ton Roller . . . $1000

TRAILERS
1983 2X 4 Ton . . . . . $1350 & $1600
1978 2X 6 Ton . $2650
1983 3X 9 Ton . $4400
1983 1X 2 Ton . $1150
1983 2X 12 Ton $5800
(2) 1977 Freuhauf - 40' Flats $5500
1978 Freuhaut - 42' Flat $7500
(2) 1979 Strick - 40' Flat $7000
28' Fifth Wheel - 2 Axle. $2000
1963 Gindy 40' Van $2500
1979 Fontaine 42' Drop Deck $9500

TRUCK TRACTOR
1974 Ford Louisville Diesel $6950

FORKLIFTS
Ford Marshall. . $6850
Int. 7000 - 21' $10,500
Int. 4500 - 21' $12,500
Clark - 6000 lb.. $2950

LOG SKIDDERS
JD 440A $9500
JD 540A . . . Coming in

WENGER'S INC.

LONG

251 SOUTH RACE STREET, MYERSTOWN, PA 17067

PHONE: 717-866-2135

NIGHTS, PHONE: 717-866-7147 or 717-273-9089

FINANCING AVAILABLE — TRADES WELCOME

FARMALL TRACTORS

154 w/Rotary Mower - As Is . $1950
706 w/Cab - Gas $5000
(2) 1256 w/Cab . . . . . Coming in
806D - WF - 3 pt. - Duals - Wts. - Turbo - Nice $7950
706D - TRY - 3 pt. $4650
Cub w/Fast Hitch $2450
674D - 1974 . . . . . $6950
460D - FH $2650
Cub w/Cult. $1850
706D - No PTO or Hitch $3450
15-30 - Antique $1750
130 w/FH & Cult. $3750
1066 w/Cab - 1973 . . . . . $10,950
1466 w/Cab - Bad TA $8500

MASSEY FERGUSON TRACTORS

1105 . . . . . $8450
175D $5850
180 - Gas $4850
40 w/Sickle Mower & Cab. . . $5950
165D $4950
135 Gas - PS - MP. $3950
20C w/Loader. $5950
135 Gas - Turf Special $3950
44 Special - Diesel $1350
1080 Diesel $5450

FORD

8700 Cab - Air - 1977 . . . . $13,950
6600 . . . . . $7950
2000 w/Mower - Nice $3950
600 w/Loader $3650
9000 . . . . . $6950
(3) 5000D $4450 & $5450 & $6450
(2) 6000 . . . . . Choice $2550
(4) Antique Fordsons . . . $800 & up
8N w/Loader. $2650
8600 - 1974 . . . . . $8950

CASE

VAC - Nice $1250
580 CK w/Loader & 3 pt. . . . $6950
(3) 930 Standard. . . . . From $2500
1270 w/Cab - P. Shift - Nice . $9850

"6" 4 WHEEL DRIVE TRACTORS From 65 HP to 200 HP

MF 1805 - Cab - Air - 3 pt PTO - Duals - Nice - 1500 Hrs. . . $16,450
Ford County 6 - 3 Pt PTO . . . $5950
Case 2470 - Cab - 3 Pt - PTO - 1973 . . . . . $14,950
MM AT4-1400 - 3 PT - PTO. . . . Call
Ford County 6 - 1124 - 1970 $8950
White - 4-150 . . . . . Coming in

ALLIS CHALMERS

G w/Hyd. & 4 Tools $2500
WD45 w/Plow. $2000
(2) G w/Rotary Mower $1850
200 w/Cab - Nice $9450
7000 w/Cab - Nice. $12,950
220 w/Cab $8950
190 Diesel $3950

OLIVER — DEUTZ

1950T - Over/Under. $7950
Deutz 10006 . . . . . $3950
Deutz 6006 - Nice $5950
880 Gas - 3 pt. - P.S. $2950
1855 . . . . . Coming in
(2) 1850 Diesels - As Is. $3950

JOHN DEERE

4620 - P. Shift - Nice $12,450
4320 ROPS - WTS. $11,950
4320 . . . . . $10,950
5010. . . . . $6350
4020 - Console - Nice $8950
(5) A . . . . . $595 & up
4010 LP - Wide Front $3950
(2) 50 - Choice $1450
4230 - ROPS - 1976 . . . . . $10,500
4430 Cab - P. Shift - 1975. $16,450
4030 - Syncro - 1974 . . . . . $9850
2840 - Clean - 1978 . . . . . $11,950
4520 - Nice. $8950
1936 Antique "A" - Nice . . . $2850
70D w/3 Point $2000
720 LP w/3 Point $2000
"G" $1450
60 w/NI 2x Picker $3000
3020 Diesel $5450
3020 Diesel - Cab - Console P. Shift - Nice $8750
2520 Diesel - Nice $6950

LONG

310C - New. $6450

KUBOTA

L245 w/Mower - 40 Hrs. $6495
L185 w/Mower $4950

HARVESTERS

NH 890 . . From $4000
NH 880 . . From $1500
(4) NH Super 717 . . . . . From $1750
(2) JD 25 w/1 row . . . . . From $1650
JD 35 . . . From $1500
Gehl 800 w/2 x 30 . . . . . $6500
Fox . . . . . From $1000
(2) A.C. 720 w/2 x 30 . . . . . From $1500

100 EXTRA HARVESTER HEADS PICKUPS - CUTTERBARS - CORN FOR ALL MAKES

BALERS

JD 336 w/Ejector $4500
NH Super 69 w/thrower. $1450
JD 410 Round Baler - Nice. . . . $5850
Hesston 5600 Round Baler - Nice. . . . $4850
Gehl 1500 Round Baler - Nice. . . . $4500
(2) NH 66 . . . . . $795 & $895
Case 230 w/Thrower $1450

CHISEL PLOWS

7' 3 pt. Taylor . . . $950
Mohawk 12' 3 pt. $1500
7 Shank "V" Chisel $1500

GRINDER MIXERS

OMC - Nice $3850
NH 352 . . . . . $3450

SICKLE MOWERS

(15) On Stock . . . . . All Price Ranges

COMBINE CABS

JD 7700 . . . . . $1250
JD 4400 . . . . . $1250
IH 815 w/Air . . . $1650
Gleaner E $875
Gleaner CII From $400
IH 403. . . . . $1000
MF 300 . . . . . $850
Case 660 . . . . . $600
IH 303. . . . . $650
NI Uni System . $1000
(2) NH 975 . $850 & up
IH 315. . . . . $950
New Gleaner E . $1250
JD 3300 . . . . . $1250

TRACTOR CABS

(1) Used For AC 190XT $1000
(4) Used for JD 4020 . . . . . $500 to $1000
(1) Used for IH 06 & 56 . . . . . $750
(1) Used for Ford 6000 . . . . . $875
(1) Used for AC 180 . . . . . $1500
(1) New for Ford 5000-7000 $1800
(5) New for MF- 275 to 1155. . . . . $2000
(10) Used Rollbars . . . . . Call
New Cooler for Cab $500
(1) Used for IH 66 - Nice. . . . $1500
(1) Used for 4020 w/Air Nice $1750

FORD 6000 DIESEL

CHOICE OF TWO

$2550 EACH

10 CORNPLANTERS 30 PLOWS

CALL

1976 MF 1805

195 HP, 1,500 Hrs., Cab, Air, 3 Pt. PTO, Duals

$16,450

COMBINE CORN HEADS

NARROW ROW

IH 833-743-733-429 -329-863-327
JD 643-443-434-334 -313-335-343
AC 630-430-330
Oliver 703N-531-541-704N
MF 63-43-33-321
NH 4x30 QT
Case 4x30-3x30
NI UNI - 3x30-4x30

WIDE ROW

IH 744-429-329-327-724-229-228-227-25-22-844
JD 434-334-234-210-205-10-344-244-444
AC 440-435-240-238
Oliver 544-531-522-512-
MF 44-24-422-322-222-22-20
NH 2x40
Case 4x40-2x40
NI UNI 3x40-2x40

"CLEAN" COMBINES

JD 4400 - Nice - Rotary Screen. $17,900
JD 45 SB w/2 Hds. $6950
MF Super 35. . . $4950
IH 82 Pull Type. $3500
JD 45 SB $6950
Case 660 - Nice $6950

HAYBINES

Ford 9' $2000
Hesston PT7. . . $1950
(2) N.I. 279 Cutditioner - Nice $3500

STACK MOVERS

Hesston 10W & 30
JD 200

CORNSHELLERS

JD #6 . . . . . $1500
MM 1200 . . . . . $3800-$4500
(2) JD 43 - 3 Pt. . . . . $475 & $875
(2) JD 43 - Pull . . $875

DISC'S

3 Pt. - New & Used Wheel Type From 8' to 24' Offsets

CULTIVATORS

1 Row to 4 Row Lots of Makes And Models

NI UNI SYSTEMS

727 Husking Bed
2x40 Cornhead
3x30 Cornhead
3x30 Chopper Head
Pickup Head
High Moisture Throat
2x40 Chopper Head
3x40 Corn Head
760 Chopper
717 Combine

MANURE SPREADERS

NI - NH - IH Single Axle . . . . . $495 & Up
NH Tandem Axle. $2850
Badger Liquid Tank
Clay Honey Wagon

WAGONS

6-8-10-11-12 Ton Gears . . . . . $425 & Up
New Bale Bodies $595
New 16' Feeder Rack $595
Used 18' Feeder Rack & Gear $595
(6) Used Bin Wagons . . . $695 & Up
Self Unloading Wagons
Bale Wagon $695

MISC. MACHINERY

Rotary Hoes
Lely 13' Roterra
4' to 10' Snow Plows
Lime Drills
Potato Plows
1X & 2X Potato Diggers
GT 270 Dryer . . $3500
Mc 600 Dryer . . $3500
(2) Gehl 72 Flail Choppers
JD 1500 Power Drill

CULTIMULCHERS

11'-12'

DUALS

New & Used
All Sizes

ELEVATORS

32' to 40' - $695 & Up

SNAPPER HEADS

NH 1x $1500
NH 2x30" w/Long Tongue. $3500
Fox 2x30 & 2x40 . . . . . $2350
JD 2x40 . . . . . $2450
Fox 3x. $3500

NEW EQUIPMENT SPECIALS

- 6' 3 pt. blades $195
- 7' 3 pt. blades $250
- 8' 3 pt. blades $350
- 6' 3 pt. Landscape boxes $475
- 6' 3 pt. disc's $495
- 7' 3 pt. disc's $695
- 3 pt. fert. seeders. . . . . $275 & $395
- 3 pt. boom poles . . . . . $50 & $100
- Round bale feeders. $145
- 3 pt. P.T.O. woodsaws $495
- 3 pt. 12" Post Hole digger $450
- 165 bu. gravity bins $475
- 210 bu. gravity bins $565
- 1 x 3 pt. plow. $295
- 2 x 3 pt. plow. $495
- 3 pt. bale mover $150
- 3 pt. potato plow $95
- 3 pt. subsoiler $150
- 3 pt. spike harrow. . . . . $500 & $600
- 6 ton wagon. $425
- 8 ton wagon w/goodies $575
- 10 ton wagon w/goodies $625
- 11 ton tandem w/goodies $950
- 12 ton wagon w/goodies $950
- 4' 3 pt. rotary mower $485
- 5' 3 pt. rotary mower $495
- 6' 3 pt. rotary mower $695
- 4' pull rotary mower $675
- 5' pull rotary mower $695
- 6' pull rotary mower $895
- 6' 3 pt. stone rake. $495
- 7' 3 pt. stone rake. $525
- 8' 3 pt. stone rake. $545
- Speedy 1200 bushel corn cribs. $895

USED PARTS — EAST COAST'S LARGEST

Tractors - Combines - Crawlers - Backhoes - Harvesters - Balers - Cornheads - Haybines - Pickers - Spreaders - Plus Other Items. Over 5000 Salvaged Pieces Since 1960.
We Handle The Most Complete Line To Be Found Anywhere.
Prompt Shipment - Save Time - Save Money.

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251 S. Race St. Myerstown, PA 17067
(717) 866-2135
Parts Calls Taken 7:30 A.M. To 5:00 P.M. Weekdays
7:30 A.M. To 12:00 Noon Saturdays

COME TO THE PEOPLE THAT DO BUSINESS

FARM EQUIPMENT

NEW EQUIPMENT

WHITE -
- 2-55 tractor
- 2-85 tractor
- 2-75 tractor
- 508 5 Bot. SAR Plow
- 598 6 Bot. SAR Plow
- 435 Conservation Chisel Plow
- 5100 4-Row Planter, Dry Fert.
- 5100 6-Row Planter, Dry Fert.

GEHL-
- CB 1000 For. Harv. w/2-Row Corn Attach. & Hay Attach.
- WR 204 Finger Wheel Rake, 3pt. Hitch
- BU 960 For. Box, 18 Ft., Steel Sides
- BU 960 For. Box, 16 Ft., Wood Sides

NEW IDEA-
- No. 213 Spreader
- No. 245 Spreader
- 325 Cornpicker w/327 Husking Unit
- 507 Mower Cond.
- 509 Mower Cond.

KUHN-
- 17' Gyrotedder

USED EQUIPMENT
- New Idea 213 Spreader 3 Beater
- New Idea 218 Spreader
- FB 88 Gehl blower
- Oliver 252 Disk Harrow 11'6
- Gehl 95 Grinder Mixer
- 5400 4-Row Planter, Dry Fert.

NOTICE:
We Will Close At 12 Noon on Sat. Aug. 13th

MILLER EQUIPMENT CO.

RD 1 Bechtelsville, PA
215-845-2911

FARM EQUIPMENT

NEW TRACTORS
- JD 2950 MFHH
- JD 4240
- JD 4050
- JD 4250
- JD 4450
- JD 2440
- JD 4240 QR, SG Body — $35,000
- (2) JD 125 Skid Steer Loader, Dsl. 14 cu. ft. bucket 65" — $15,000 ea. No Trade
- JD 6620 Side Hill Combine

NEW MACHINERY
- JD 445 Spreaders
- JD 115 11' Disc
- JD 315 13' Disc
- JD 1326 Mower Conditioner
- JD 660 Rakes w/rubber teeth
- JD 3940 Fg Harvester Running Gears
- JD 2600 5Bx18" Plow
- JD 1250 Plow 3Bx16" — $1800 N/T
- JD 1250 Plow 4Bx16" — $2450.95
- JD 2700 6Bx18" Plow
- JD 7000 Conservation Corn Planters 6R
- JD 16x10 FF Drill — $4000
- JD 8300 18x7 FF Drill
- JD 327 Baler w/ejector

USED MACHINERY
- 1-IHC 830 Fg. Harv. 1981 model, PU & 3 R.C. H — $11,000
- JD 6600 Combine, 13' grain head, 444 corn head — $29,000
- 1981 White Combine 7300 w/704N 4 Row Corn Head — $25,000
- JD 400 Tractor Model 1981 w/60 mower — $4,800
- 2-105 White Tractor — $14,500
- MF 175D Tractor w/loader — $7,500
- JD 90 Skid Steer Loader — $7,500
- (2) Gehl Wagons, Tandem Axle w/440 bu. McCurdy btm. — $2,500 each

WALTER'S SALES & SERVICE, INC.
RD 2 Box 49 Mifflinburg, Pa.
717-966-3778
JD Agricultural Dealer and CP

FARM EQUIPMENT

Badger · John Deere · Hesston Farm Equipment

USED EQUIPMENT

TRACTORS
- JD 1020 Gas
- JD 730 Diesel
- JD 650 Diesel
- JD MT Tractor
- Farmall Cub w/Mower Loader, Sickle Bar Mower

HARVEST EQUIPMENT
- JD 24T Baler w/Thrower
- Case 330 Baler w/Thrower
- Thrower for MF Baler
- NH 717 Harvester w/2 Row Head
- 5½ Pickup JD Harvester

MISC EQUIPMENT
- JD #8W Mower
- Sauder Loader
- AC 3 pt 3 Btm Plow
- JD F145 5 Btm Plow
- JD 2 Btm 16' 3 pt Plow
- IH 3 Btm 2 pt Plow
- AW 12' JD Disk
- Ford 2 Btm Plow
- JD 8200 Grain Drill
- Ontario Grain Drill
- Harrigator
- Gehl #610F

SUPER SPECIAL
Moore 10' No Till Drill
$10,500.00

PIKEVILLE EQUIPMENT, INC.
R.D. 2, Oley, PA
Phone: 215-987-6277
Berks County's Full Line John Deere Dealer-
Serving The Oley Valley 47 years 1936-1983

FARM EQUIPMENT

HARD WORKING VALUES
Waiver of Finance - Low Rate Financing
Low Cash Deals

NEW EQUIPMENT
- 5088, demo
- 3288, demo
- 784 RC w/TA
- 244 FWD
- 1420 combine, demo
- 370 disc
- 800 Early Risers
- 720 auto. reset 5 btm.
- 2250 loader
- #50 Shredder

USED EQUIPMENT
- 706 Diesel
- IH 424
- Farmall BN w/cultivators
- 2 Super C's
- Super AV
- Haines bulk bodies
- Mayrath auger 6"x27'
- 1500 Schwartz loader
- 800 workmaster loader
- Massey Drill 16x7
- Woods Cutter
- Irrigation pipe, 6"
- JD 2 row potato digger
- Ontario grain drill
- Vicon disc mower conditioner
- 843 Corn head, 30"
- NH S69 baler
- IH #37 baler w/thrower
- IH forage blower
- Rototiller, 3 pt.
- Gehl 4500 Skid loader

RINGTOWN FARM EQUIPMENT
RD 1, Ringtown, PA
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Since 1949

FARM EQUIPMENT

Nothing runs like a Deere

SPECIALS OF THE WEEK
Hesston Self Propelled
#6450 Mower Conditioner
w/Cab & Air
DEMO
HAYBUSTER DRILL $5500

USED TRACTORS
- JD 4430 4 Post, RG, QR
- JD 4230 QR, RG
- JD 4010
- JD 3010
- JD 720D
- Farmall A w/Hyd. Lift

USED CORNPLANTERS
- JD 1240
- JD 1260 w/monitor
- JD 7000 6RN Cons.
- JD 7000 6RN w/min. till attach.
- White 5400 6RN Plateless

USED HAY & FORAGE EQUIPMENT
- Hesston Self Prop. 6450 Mower Conditioner
- Hesston PT10 Mower-conditioner
- NH 3RN Corn Head
- JD 336 Baler w/thrower
- NH 269 Baler w/Thrower
- JD 24T Baler
- Hesston 1010 Swing Tongue
- NH #33 Crop Chopper
- NH 27 Blower

MISCELLANEOUS
- Oliver Fertilizer Spreader
- 15 HP 3 phase elec. Grain Dryer Motor
- 15 KW Standby Generator
- MF Grain Drill

NEW MISCELLANEOUS
- JD 335 Skid Sprayer
- Most Model JD Loaders & Blades
- Demco Sprayer 600 gal.

NEW TRACTORS
- JD 4250 SG, PS, MFWD
- JD 4050 SG, PS
- JD 2950 SG, MFWD
- JD 2950, SG
- JD 2950, MFWD
- JD 300B Loader & Backhoe

NEW HAY & FORAGE EQUIPMENT
- NH 718, 782, 892 Fg. Harvesters
- JD 3940 & 3960 Fg. Harvester
- JD 506 Glyamor Mower
- JD 347 Baler
- JD 327 Baler
- NH 311 & 316 Balers
- NH 488, 489, 495 & 1495 Haybines
- NH 256 Rake
- JD 670 Rake
- JD 660 Rake
- H&S Fg. Wagon
- H&S Bale Wagon
- New Hay Tedders

NEW PLANTERS
- JD 7000 6 Row Consv.

NEW TILLAGE
- JD 950 Roller Harrow
- JD 2600 4B Plow
- JD 215 Dura-Cushion Disc Harrow
- Haybuster No-Til Drill Also for Rent

NEW SKID STEER LOADERS
- NH 445, 555

NEW SPREADERS
- NH 519
- Martin 2400 V Type & F1466 Scavengers
- H&S 260 & 295 Spreaders

NEW DRILLS
- JD 8200 18x7
- JD 8250 14x7

NH Waiver of finance or 3%, 6% and 9% finance.
Check on John Deere waiver of finance on most items.

CLUGSTON IMPLEMENT, Inc.
1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

bobcat · Sperry New Holland

FARM EQUIPMENT

USED TRACTORS
- JD 4630, cab, air, power shift, exc. cond.
- JD 4430, cab, air, quad range trans.
- JD 4430, power shift, roll guard
- JD 4320, no cab
- JD 4520, new tires
- JD 4020
- JD 4020, power shift
- JD 2020 diesel
- JD 3020 gas
- JD 3020 Diesel, Syncro
- JD 4010 gas
- JD 4010 diesel w/year-round cab
- JD 720 diesel electric start
- JD 3020 diesel, power shift
- IH 966, cab and air
- IH 1086 cab & air
- IH 766, like new
- IH 1466 w/cab
- IH 1256 w/cab
- IH 656 wide front
- IH 574 w/loader
- IH 2400 w/loader
- Ford 5000 diesel, late model
- AC 5040 diesel, PS, 3 pt. hitch
- AC 210 diesel
- White 4-180 w/duals, quick coupler, used 2000 hours.

USED COMBINES
- JD 7700 diesel w/6 row corn head
- JD 55 corn special
- JD 6600 Diesel
- JD 4400 w/4R cornhead
- Oliver 525 w/2 heads, exc. cond.
- NI 702 tractor w/710 combine

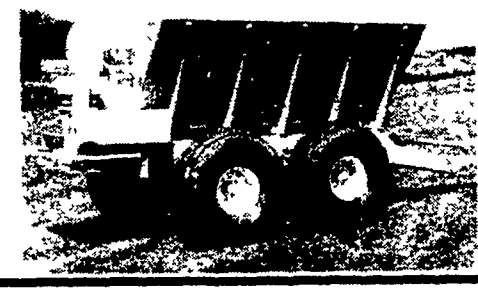
USED PLANTERS
- JD 7000 conservation, 6 row, dry fertilizer, monitor, used on 500 acres
- JD 494A
- White 5400 air planter w/no-till attachment
- IH 510 grain drill, real nice

USED HARVESTERS
- JD 5200 w/cab and air, used 1500 hours
- Fox 3000 w/3 row corn head
- Fox 2000
- Fox Custom 90
- NH 770 w/2 heads

MISCELLANEOUS
- 1970 IH 1800 truck w/14' grain body & hoist, exc. cond.
- Gehl 65 feed grinder
- JD power till grain drill
- IH 510 grain drill
- IH Bigroll baler
- JD 346 wire baler w/thrower
- NH 278 baler
- Keewanne 20' hydraulic fold disc
- JD 21' hydraulic fold disc
- Large selection of smaller discs
- Large selection of plows from 3 to 7 bottom
- Gehl 2600 skid steer loader, used 800 hours
- Gehl 9' haybine, like new
- NH 469 haybine
- New Farmhand loaders for IH and JD tractors

D & R EQUIPMENT INC.
Ringoes, New Jersey (201) 782-5082

STOLTZFUS WET LIME SPREADER



The spreader built to spread stockpiled lime without bridging
It will also spread fertilizer & poultry wastes.
2, 5, & 8 ton tractor drawn units & truck mounted available.

The dry materials sower
Accuracy is unmatched
We Sell Direct

C.U. Stoltzfus Mfg. Inc.
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BUSH HOG®

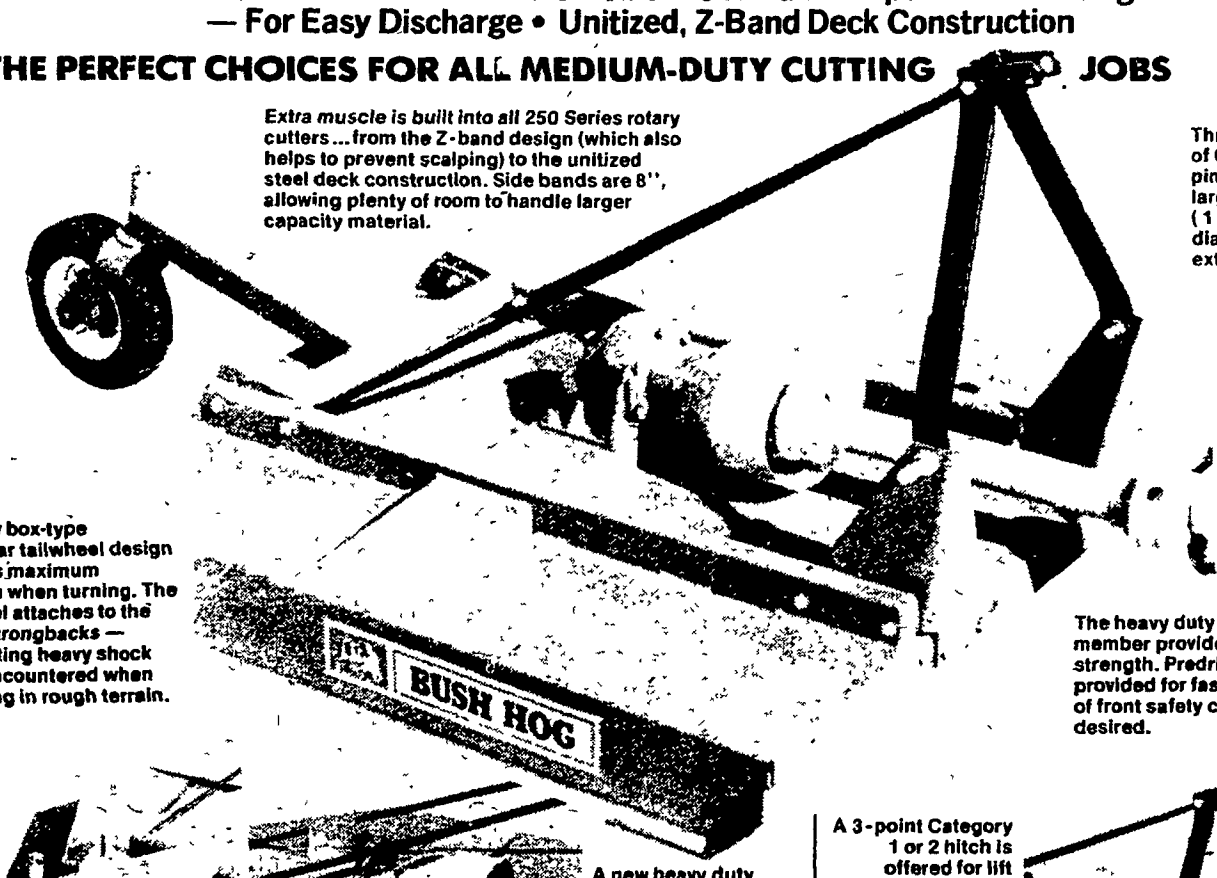
250 SERIES Rotary Cutters

5/6/7 Foot Models - Available 3-Point Lift or Pull • Tapered Rear Design — For Easy Discharge • Unitized, Z-Band Deck Construction

THE PERFECT CHOICES FOR ALL MEDIUM-DUTY CUTTING JOBS

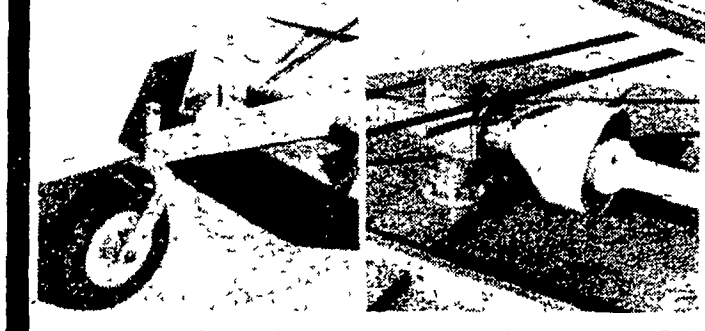
Extra muscle is built into all 250 Series rotary cutters ... from the Z-band design (which also helps to prevent scalping) to the unitized steel deck construction. Side bands are 8", allowing plenty of room to handle larger capacity material.

Threaded ends of Category 2 pins are a new, larger size (1 1/8" diameter) for extra strength.



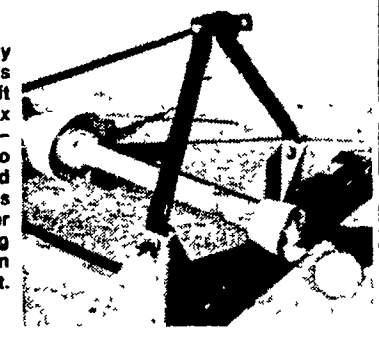
The new box-type triangular tailwheel design provides maximum strength when turning. The tailwheel attaches to the cutter *strongbacks* — distributing heavy shock loads encountered when operating in rough terrain.

The heavy duty steel front member provides even more strength. Predrilled holes are provided for fast attachment of front safety chains, if desired.



A new heavy duty gearbox design on 256 and 257 models makes service fast and easy. All gearboxes are 540 rpm with 1000 rpm gearboxes available on 257 models. Heavy duty ASAE Category 4 drive shafts are standard.

A 3-point Category 1 or 2 hitch is offered for lift models. The top flex link is slotted — allowing the unit to follow ground contours. Tie rods stabilize the cutter to prevent bouncing on rough terrain during transport.



SLIP CLUTCH STANDARD ON ALL 250 SERIES ROTARY CUTTERS
All Models In Stock

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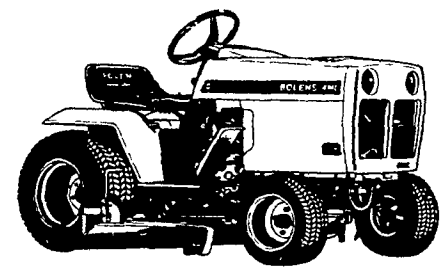
Lawn & Garden Equipment



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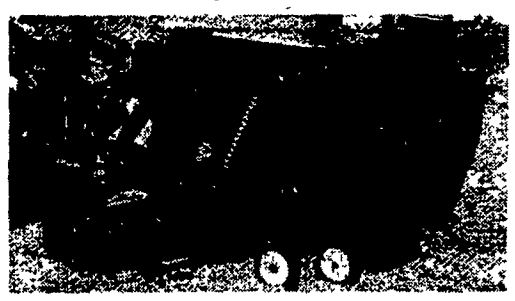

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- Semi-Mounted Hopper floats independently of mower
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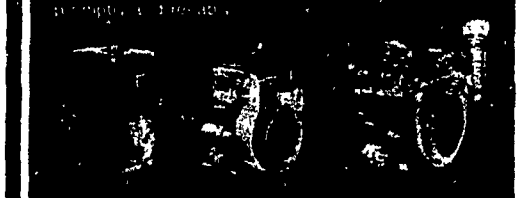

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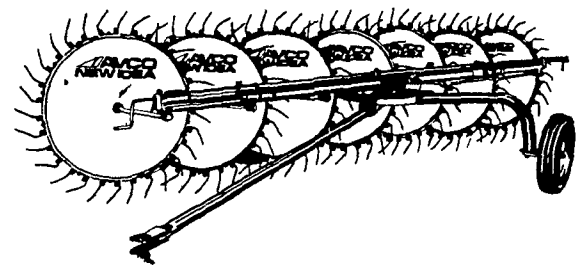

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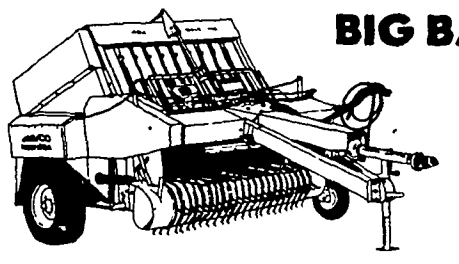

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Farmall 686 D, one owner 1609 hrs	13,500
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IH 430 baler w thrower	2,750
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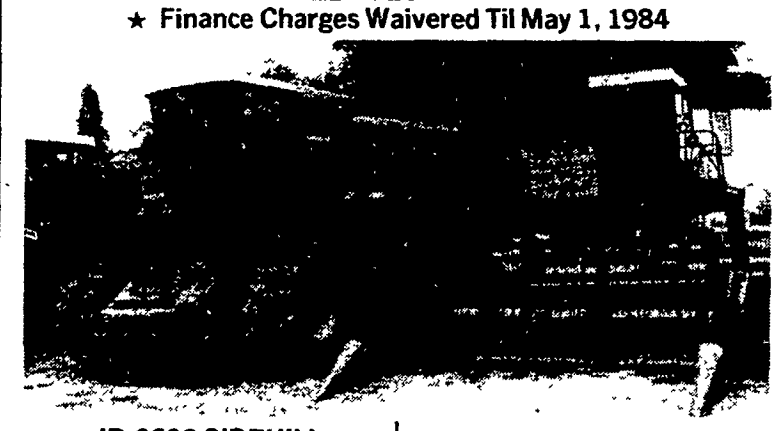

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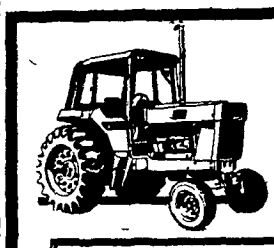

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IH 400 4 row planter	$2,000
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AC 303 baler w/thrower	$995
NH 67 baler w/thrower (motor on thrower)	$795
IH 47 baler w/thrower	$800
Gehl CB 600 forage harvester, 2 row corn head & hay pickup (new knives)	$3,750
Fox blower (as is)	$575
1190 mower-conditioner	$4,150
Hesston PT-12 pull-type windrow	$1,025
IH 863 6x30 corn head	$6,950
Gehl 120 grinder-mixer	$2475
122 Cadet w/mower, 12 HP	$1,150
70 Cadet, 7 HP	$850
42" Cadet blade	$135

Used Equipment at McAlistersville

F 656 gas, wfe, 3 pt.	$6,600
544 gas tricycle 3 pt.	$5000
MF 40 gas, 3 pt. (engine overhauled)	$2700
Semi-mtd. mower	$135
NH 270 baler w/thrower	$1400
10' Dunham-Lehr packer mulcher	$1,500
IH 420 3x16 plow	$695
Kewanee blade, 8' 3 pt.	$495
IH 56 blower	$950
IH 76 pull-type combine	$400
IH 91 combine for parts	
72 Cadet w/mower	$900
122 Cadet w/mower, 12 HP	$1,295

INCH EQUIPMENT CO.
Dalmatia 717-758-3021
717-758-6491
35 miles North of Harrisburg, PA on Rt. 147.
18 mi. South of Sunbury
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Rt. 35, 9 miles east of Mifflintown, 25 miles west of Selinsgrove.
INTERNATIONAL AGRICULTURAL EQUIPMENT
• U.P.S. Service Available

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Call John Bolton or Gunther

—QUALITY LATE MODEL FARM EQUIPMENT—

TRACTORS
JD 4430 w/cab & air, power shift, exc. 1800 hrs.
JD 4320 Diesel w/cab, very nice
JD 3020 Gas, Power Shift, WF
JD 730 Gas
IH 1086D Cab and Air, 1500 hrs., 20x38 Tires, Very Nice
IH 1566 Dsl. Cab & Air, 20x38 Tires, very nice
IH 1466 Dsl. w/Cab and Air
IH 1066 Dsl., Cab, Air, Black Stripe, Very Nice
IH 1066 Dsl. Red Cab and Air
IH 766 Diesel, WF, very nice
IH 826 SOLD w/cab

GRINDER-MIXERS
JD 700 540 PTO very good
NH 357 w/long unloading auger

BALERS
Hesston 5400 Round Baler
JD 336 Wire w/thrower
JD 510 Round Baler, Excellent SOLD
NH 851 Round Baler w/auto wrap, like new

HARVESTERS
JD 3800 w/2RN Head
Gehl 1000 w/2RN Head & Pickup w/Electric Controls
NH 770 w/2R Head & Wide Pickup SOLD
JD 16A Flail Chopper

CORN PICKERS
JD 300 Husker, 2 or 3 row head, wide or narrow
NI 325 2 row narrow w/super sheller
NI 323 1 row
NI 324 2 RW w/super sheller, very nice
NI sheller attch. for 2R Mtd., Like New
NH 319 2R Mtd. w/husking bed

DISCS
JD BWF 16' wing Rock- Flex
JD BWA 11'6"

MISCELLANEOUS EQUIPMENT
JD FBB 17x7 Grain Drill, Sgl. Disc, Fert. & Grass Seed
JD Sickle Bar Head for 30, 38, 3800 Harvesters
Ford 6' Flail Mower
JD RM 6 Row Cultivator
Brillion 10' Transport Alfalfa Seeder w/Double Seed Box
Glenco 7 tooth soil saver
JD RG 4R cultivator w/double spring teeth
Bush Hog 8' Heavy Duty 3 pt. Blade
JD Roll Guard Cab to fit 3010 thru 4320
4 Row Stalk Shredder

COMBINES
1980 NH TR70 cab and air, hydro 3208 cat dsl. 700 hrs., like new w/15' Flex Grain Platform
1979 Gleaner K SOLD Cab, 900 hrs., like new
1979 JD 4400 Diesel, cab and air, 700 hrs., like new
1978 JD 4400 Dsl., Cab and Air, choice of heads
1976 JD 6600 Diesel, side hill, cab & air, choice of heads
1973 JD 4400 Gas, Cab and Air, Choice of heads
JD 3300 Gas w/cab, choice of heads, very nice
1978 MF 510D cab & air, very nice, choice of heads
NH 975 w/cab, 13' grain table, very good
MF 410 Gas, Cab and Air, 11' grain table
JD 45 w/cab 10' platform and pickup reel
IH 80 & 82 Pull Type Combines
JD 453A Row Crop Bean Head
JD 213 Flex Platform, Excellent

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

CORN HEADS
MF 24, 33, 43, 44
AC KF238, A330
JD 243, 244, 343, 443, 444, 643
IHC 843, 844, 863, 227

PLOWS -AUTOMATIC
IH 720 5x18 sp. reset
IH 720 4x18 sp. reset
IH 710 6x16 Spr. Reset
IH 710 5x16 Spr. Reset
IH 710 4x16 Spr. Reset
JD 2500 5x18 on Land. Hitch
JD 2500 5x18 Sp. Reset

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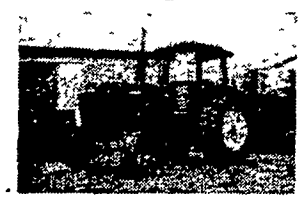
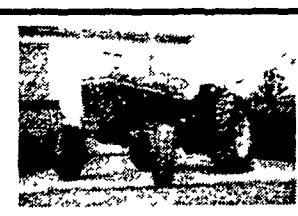
NEW JOHN DEERE 50 SERIES TRACTOR
4250 w/Caster/Action™, MF WD
P. Shift, Trans., Demo., Low Hours
CALL FOR SPECIAL PRICE

CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICE
NEW EQUIPMENT SPECIALS



JOHN DEERE 4240 TRACTOR
Cab, Air, Duals,
Good Condition
$24,900



JOHN DEERE 2940 TRACTOR
TSS Trans. w/Hi-Lo,
Dual Outlets, 18.4-34
Good Condition **$17,900**

BONANZA

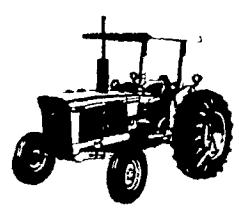
Looking for a good used tractor? See our selection and take advantage of finance charge waiver to March 1, 1984

If a good used tractor is what you've been looking for, then here's a deal you should look into.

Right now, if you purchase a used tractor over 40 hp from our lineup and finance it with John Deere, you'll pay no finance charges until March 1, 1984.* It's an economical way to get the extra horsepower you need this fall, and for the upcoming spring season.

In addition, a used tractor purchase this year could prove to be an even sounder management decision when you figure the tax savings you'll earn from investment tax credit (ITC) and depreciation. Add it all up — a good used tractor to streamline your operation, tax credits for 1983, AND pay no finance charges until March 1, 1984.

Stop in and see us today.**



* Availability of John Deere financing subject to approval of credit.
** Dealers contribution to this used equipment offer may affect customer price.

OUR SELECTION OF USED TRACTORS

JD 4240 SGB, Q/R, Dual Wheels
JD 2940 Dsl, TSS Hi-Lo Trans.
JD 2040 Dsl, P/A Whls, low hrs.
JD 2630 Dsl, Row crop util.
JD 4620 Dsl, P/S, Cab.
JD 3010 Dsl, WFE
JD 2510 Dsl
JD 2010 Gas, Row crop
JD 650 Dsl, Compact Utility
JD "A"
JD "B"
WHITE 2-135 Cab, low hrs.
MF 1085 Dsl
MF 65 Dsl, row crop
MF 65 Dsl, Util. w/Farm Hand ldr.
MF 135 Gas, P/S, 3-pt, Hi-Lo, w/ldr.
FORD 3000 Gas
IHC Farmall A w/sickle bar mower
SATOH S550 Gas Tractor & Mower
DEUTZ 6807A Dsl., Cab, MF WD, AM-FM, tape

USED HAY & FORAGE TOOLS

JD 125 Forage Wagon, hi sides, 3rd btr, JD 1065 gear
NH #8 Forage Wagon, hi sides, roof, 3rd btr, JD 1275 gear
Oliver 520 w/ejector
IHC 430T
MF #3
NH S67 w/ejector
NH 268 Baler w/ejector
JD 5400 S-P Forage Harvester, cab w/air/htr.
JD 3800 Forage Harvester, 1000 pto, long tongue
JD 35 Forage Harvester
JD 12-14 Hydra Swing Mower Conditioner
JD 1209 Mower Conditioner
Hesston PT10 Mower Conditioner
JD 8' mower bar attach.
JD 640 hay rake
NI Uni 766 Hay Pick Up Att.
NI Uni 767 Forage Harvester - Parts Salvage
Massey Harris 82 SP Combine, w/12' Cut, Special Price $1500

BUY A NEW OR USED COMBINE NOW... PAY NO FINANCE CHARGES UNTIL MAY 1, 84

Now - Finance to Jan. 1, 1984
All New New Idea Spreaders
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NI 206 SPREADERS
NEW IDEA 95 BU.
GROUND DRIVEN SPREADERS

206 New Idea Spreader
Available With or
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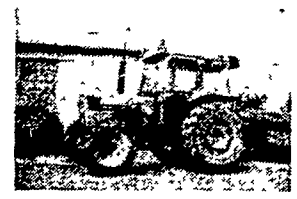
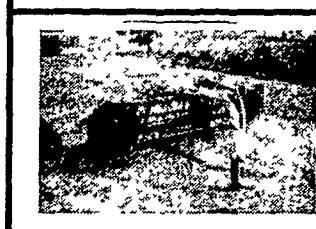
With or Without Endgate Att.

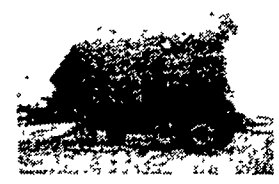


1981 DUETZ 6807A TRACTOR
Cab, MF WD, AM/FM
Priced at **$16,900**

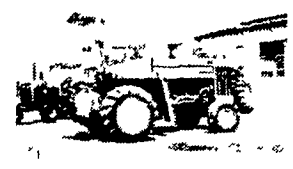


JOHN DEERE 640 RAKE
Completely Rebuilt
Priced at **$1,650**

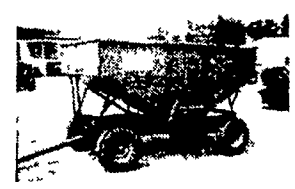
JOHN DEERE 125 CHUCK WAGON
w/High Sides, 3rd Beater,
JD 1065 Wagon Gear
Good Condition **$2,650**



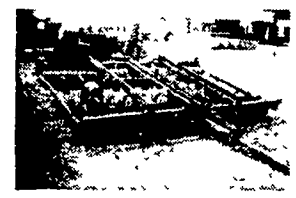
NEW HOLLAND #8 FORAGE WAGON
High Sides, 3rd Beater,
JD 1275 Wagon Gear
$3,500



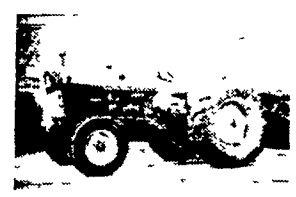
JOHN DEERE 5400 S-P HARVESTER
Cab w/Air - Htr. 18.4-26,
8 P Drive T. 1100-16- 6P
Steering T. 212 HP, 1600 Hrs.
Excellent **$27,500**
Available w/3RN RC **$3,000**
3RW RC **$3,750**



McCURDY BIN WAGON
$675



JOHN DEERE F950
12' ROLLER HARROW
Good Condition
$2,750



FORD 3000
GAS TRACTOR
W.F.E.
$4,950

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w/gasoline industrial engine on rubber tired trailer, 500 GPM at 160 PSI - guaranteed $6000

HALE

500 gallon pump on base to mount to your engine $400

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Good rebuilt GORMAN-RUPP PTO pump, also used Hale, CMC, Marlow, Peerless-Electric

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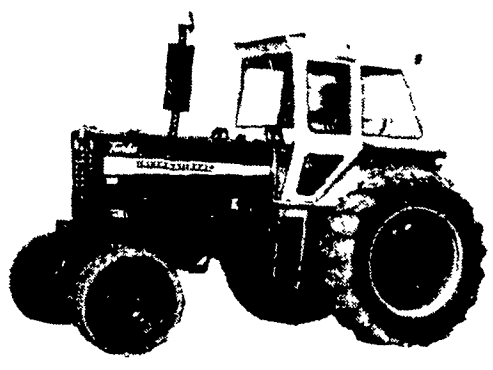

GUARANTEED

QUALITY/USED/TRACTORS

1978 JD 6600 Diesel w/Hydro., Air Conditioning AM-FM, Very Sharp, 1480 Hrs.

1975 JD 4400 Diesel Cab, Air and AM-FM, Sharp, 925 Hrs., monitor.

NI 818 Combine, like new w/840 quick tatch throat.

NI 844 4R narrow head

NI 715-S grainhead

NI 705 Diesel w/Cab

NI 702 Diesel, power unit, late model, nice

NI 727 & 737 huskers

NI 738, 4R narrow corn head

NI 734, 3R wide corn head

MF 300 combine, quick tach w/2 heads

JD 4430 factory cab & air, 38" rubber, quad. range, good clean tractor

JD 4020 WF, year around cab SOLD equipped

JD 4320 w/factory cab, 38" rubber fully equipped

JD 4010 Diesel, wide front

JD 4520, syncro. range, factory cab, quick hitch, diff. lock, dual hyd., (also has 4620 after cooler up date kit)

JD 730 Diesel, elec, start, wide front, 3 pt.

Case 1175 factory cab & air, 2700 hrs. very sharp w/1 yr. old Case model 70 loader

IH 986 79 model, cab & air, diff. lock, sharp

IH 1456 w/cab, duals & weights, solid tractor

IH 1066 factory red cab and air, new TA and clutch.

IH 856 Diesel, wide front

IH 766 w/cab & air, fully equipped

IH 706 Diesel, good tractor

IH 826 German Diesel

IH M Farmall

IH 706 gas w/recent complete overhaul

AC 200 w/yr. round cab, dual PTO & hydraulics 18.4-38 rubber, 1700 hrs., sharp, local tractor

MF 85 Diesel, good rubber, 3 pt.

Bush Hog mounted chisel, 3 bar.

IH factory red cab w/air to fit 966, 1066, & 1466.

IH & JD cabs (used)

Year round cab fits 3020 or 4020, nice

Box 91 New Providence, PA 17560

Ph. 717-786-1606 &

Evenings 717-786-4899

TRACTORS AND EQUIP. JUST PURCHASED (New A.C. 8050 P.S. w/radial tires list 56, cost 44, our price $35,850. used JD 4640 P.S. fully eq. list new; used JD 4440 Q.R. 300 hrs. like new, used JD 4440 C.A., P.S., looks like new Farm 1086 CA, 20x38 tires, clean. JD 4630 cab, air P.S. w/front whl. drive; JD 4020 WF P.S. dual hydraulic, nice; JD 158 loader nice; Farmall 786, Farmall 766 original; Ford 4000 w/loader; Ford 640, MF 300 diesel combine w/cab and air grain and 3 row C.H. (nice); NI 325 picker w/12 roll bed; N.I. 324 picker w/12 roll bed; NI 279 cut/ditioner; JD 310 Disk, like new; FROM 5 FARMS Farmall 1566 C.A. w/20:8x38 factory duals is in field working for sale field ready, Case 1370 C.A. PS - factory duals and full wts., field ready. JD 4010 D.W.F. Dual Hydraulic, AC, 7010 C.A., P.S.; 20:8x38 tires, full wts., light package looks like new, JD 4430 C.A. Q.R. (SOLD) JD 5020 nice original w/dual wheels. Farmall 966 original for $9800.00. Farmall 504 original w/P.S. and 3 pt. Int. 674 w/loader. Oliver 880 W.F. fully equip. JD 4020 D.W.F., P.S. Dual (SOLD) Hydraulic White 4-150-4 Wheel drive, fully equip. for $12,500.00. JD 4010 gas, 4020, 2630 w/146 loader, JD 2840, JD 430 utility w/loader; JD 60; Farmall 1066 w/cab & air $12,800. Int. 444 utility gas, w/P.S. for $3850. Farmall 1066 for $9950. Farmall 1586 C.A. w/20x38 duals used 1200 hrs. extra nice, Farmall 656 gas. 706 gas, Case D.B., 990

Hay eq. just traded, used NH 320 baler, Rakes, new NH 256, MC 9E Rotary Scythe.

New Holland 1034 Auto-Bale Wagon used 3 yrs. NH 1010 auto bale wagon 76 (SOLD) cap. NH 1012 and 1010 bale wagons, used J.D. 3960 Harvester.

18 ft. hay bale wagon on 8 ton running gear.

JD 3020 Tri D. JD 4020D W.F., D.L. and 2 values w/cab. New Ford 7600 w/front whl. drive, JD 4020D W.F. P.S. 2640, Farmalls 1586 4 post R.G. w/duals, 1066 w/cab, 886 w/cab, like new; 1206 extra nice, 756D W.F. original, Int. 674 Utility D. N.H. 363 tank spreader 1 yr. old. CHISEL PLOWS- new Ford 13-15-17 ft. 3 pt. w/gauge whls. HAYBINES- (new) Int. 1190 List $8900. Our Price $6450. only 1 left. New Gehl 1090 for $4850. New NI 272 cut/ditioner- $3450; Used NH 489-$4000; Used NH 489-$3875; Used NH 477 used 85 acres, like new N.H., 479. Used JD 1209-$2475; New & used Grim 4 star hay tedders.

(Just Traded) N.I. 702 uni w/729A sheller and 743 3 row Q.A. corn head, real nice and field ready.

New AC 7010 w/20 sp. trans., Farmall 686D, MF 1805 4 whl. drive fully eq. for $16,500. White 4-180 4-whl. drive, fully eq. $16,500. Used 966-1 owner original, 1972 JD 4020, 3020 S.C. power shift, JD 4020 S.C. w/cab, 1968 JD 4020. Used Case 2090, MF 1135 w/cab, Ford 3000D. Farmall 350 w/P.S. and F.H., Farmall 450 gas PS and F.H., Ford 6000 Commander D, comp. rebuilt.

Balers (new), NH 315 w/#75 thrower for $9300. used JD 336 w/thrower real nice; Int. 440 w/thrower. NH 280 w/hydraulic tension and thrower in field working. New Idea #456 round baler, (new), NI 404 wheel rakes $985.

(Combines on our lot)

1977 JD 4400 Dsl. CA real nice like new; JD 8820 fully eq. w/4 whl drive and dual wheels used 450 hrs. like new. New JD 4420 fully equipt. 443 C.H. New Holland TR 85 w/grain and 6 row C.H. like new. Int. 1460 axel flo fully eq. w/both heads IH 715 w/German motor used 400 hrs. like new. 1975 JD 6600D rotary screen, good cond. 1976 Int. 715D, w/air & 13 ft. grain, field ready, never used in corn, 1977 Gleaner L2 hydro w/6 row C.H. 1976 Gleaner FD w/air and both heads; 1976 Gleaner KKS cab & air w/grain, 1976 Int. 915 grain head $19,900, 1979 MF 550D, excel. w/grain and corn heads. 1975-MF 510 hydra. w/grain and corn.

MF 510D w/cab, Quick Tach grain for $6950. Case 960 w/cab and grain, real nice.

1968 Gleaner CII diesel w/cab and 4 row C.H., JD 7700 D w/grain & corn head.

1969 JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain Int. 810 13 ft. floating cutter bar.

Int. 303 w/cab, 1972 Gleaner F w/grain & C.H.

JD 6600D combine w/flex grain and C.H., AC 90 pull combine.

MF 410D w/Q.T. grain, J.D. 40 sq. back w/10' grain.

NI 702D w/cab $6200. NI 702 w/729 A sheller.

JUST TRADED- used Int. 3588 2+2 Int. 986 w/cab, 886 w/cab, 1066, Farmall M w/NI 319 mtd. picker, Ford 7600 w/dual power, Case 1410D. (Harvesters) NH 890 w/3 row 30" C.H. 2 row snapperhead and pickup head. JD 243 snapper head. Forage Wagons.

NH #8 Tandem Axle, JD 216 - tandem axle. Lamco Forage Wagon- 18 ft. Hay wagons w/8 ton running gears. NI 325 picker w/12 roll bed, JD 237 mtd. picker and sheller.

Just Purchased (new) 2 NI 323 cornpickers at old prices. (new) NI 272 cutditioner.

Used Fahr rotary 7 ft. haybine. JD 340 12 ft. offset disc, Glenco SS9 Soil Saver, JD 210 14 ft. Disc, JD B 16DD w/grass seed drill, Glenco SS13 Hydl. fold Soil Saver, Hesston #30 Stakhand.

TRACTORS & EQUIP. Farmall 1566 w/cab and duals, Used White 2-105 w/roll guard.

New John Deeres 4240 cab & air Q.R. for $29,900; New JD 4440 C.A. QR w/radial tires. Six real nice balers, NH 851 Round Baler (nice); JD 500 Round Baler; Hawk Bilt round baler.

3 used NH baler w/throwers #280, 269, 268.

Corn Heads JD 643, 444, 843, 343, 443, 435N, 313 for 45C, 334, 235, Massey Ferguson 1144 like new, 63, 43, 44, 24, 222, 422, Gleaner L438, F430, F438, K238, F335, F330, M430, K330, Int. 863, 864, 843, 743, 227, NI 4 row 40" heads, Case 4 row 40", MF 44 & 43 Lo Profile, Int. 6 row, 30" for 503, NH 4 row 38" C.H. New JD 444 $7350, used White 706N C.H. NI 738 and 728 4 row 30"

(New Farmalls) 5088 fully eq., 3688 fully eq.

(Used Farmalls) 986 w/cab, 686 nice. 706 gas, 806 diesel w/cab original- Nice. 1206 real nice, used JD 4230 w/R.G. and creeper gear, 1966-4020. We have 6 JD 4020 side console diesels. JD 2440 w/R.G., JD 2640, 1970 JD 5020, 4010D WF w/dual hydraulic, Ford TW20 w/cab w/220 hrs., damaged, give us an offer, 1972 JD 4020D, WF. JDA w/P.S. & loader. Farmall H, Ferguson 35 original.

TRACTORS AND EQUIP. New NI 324 picker w/super sheller list $15,390. Special $8,475. New NI 325 picker w/super sheller, Farmall 706 w/310 German D w/cab, JD 2520D, MF 1135 w/R.G. and dual wheels, MF 1105 w/cab, real nice, Int. 656 utility Hydro D. NH 890 2 row snapper head. JD narrow 30" 2 row crop head, like new. Used N.H. 354 Grinder (SOLD) Mixer, like new.

NI 325 pickup w/12 roll bed used 4 yrs.

TRACTORS 1977 JD 4230 cab, air, quad, real nice. JD 4320, Farmall used 986 cab and air, 1566 cab and air w/new T.A., Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres.

JD 4020 W.F. power shift, good tires ; Case 1070 P.S. $6975; JD 4010 Tri D, Farmall 766, 1 Case 930 Standard, New Holland 770 w/2 row 30" C.H. NH 890 Harvester w/2 heads, Deutz 9006.

CULTIVATORS - New Case 3 pt. 8 row Hydro fold. JD 4 row & JD 6 row rear.

CORN PICKERS - Used N.I. 325 w/12 roll bed current moded. Used (2) N.I. 324 w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. Int. 234 w/12 roll bed. NI 319 mtd. picker, JD 300 w/2 or 3 row C.H. Used NI 323, 324, #10.

JD 4020 w/58 Loader, JD 4320 w/cab.

Farmall - 1568 - V8 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab, 800 hrs., like new. 856D nice, Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; Farmall 460 Gas w/F.H., Farmall 756 gas, Hi Crop- 656 diesel, 756, Cub Cadets 1650, 1450, JD 300, 210, 112, Farmall cub w/mowers.

Cub 154 Lo-Boy.

HARVESTERS. N.H. 770 w/2 row, Used Int. 720 - 2 row. NH Super 717 1 row, J.D. 38 Chopper w/2 row, Fox 2 row snapper head. NH 770 1 row snapper C.H.

Gehl 400 w/2 row snapper head W.N. and pickup head, Fox 2 row 30" Silage Head, JD 1 row snapper head for 38 & 3800.

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2 JD 4 wheel drives 8630 fully eq. w/duals; & 7520 fully eq. w/duals.

JD 4010 LP Gas (nice) $3750.

JD 4030, JD 5020 puller.

FARMALLS: used 1086 w/cab, air, 1 owner-looks like new, 20x38 tires for $19,500, 1066 red cab & air, Used 686 w/cab & air, 1206 w/cab, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice. Farmall 400 gas w/P.S. F.H.

New White 2-65 w/front whl. drive and new 1730 loader, list $29,000.

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JD 2510 gas.

N.I. 702 Uni tractors w/ combines & 729A and 729 Uni shellsers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads

IND. EQUIPMENT - Int. 500E crawler loader w/270 hrs., like new, JD 555 Loader. Int. 510 4 whl. drive payloader used 500 hrs. like new. Cat 933 crawler loader.

AC 600-21 ft. forklift.

Int. 3400D. L&B Howard 3 pt. backhoe, Long 1199A-3 pt. Backhoe like new $3850.

Ford 340 skid loader.

Rogers 15 ton Loboy tractor (SOLD).

TRACTORS W/LOADERS - JD 4020 W.F. w/58L.

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Case 1030 Needs Trans. work for $3,000. Bobcat Skid Loader, Int. 3200 Skid Loader needs parts. Case 1410 motor. Farmall 706 gas needs trans work, $2900.

MF 1155 CA MP needs trans. work $8850.

PLANTERS JD 7000 six row w/fert. fill, plateless, inst. w/minimum till & monitor, (new) White 5100 4 row planter w/monitor for $6850.00, JD 1460 6 row no-til liquid plateless Inst. - $1975, JD 6 row conservation inst. fert. fill, population monitor and acre fully equipped. Used White 5400 4 row air, w/dry, Inst. no til and monitor for $2000.

JD 444 corn heads from $2450 and up.

John Blue 400 gal. sprayer, Brillion 13 ft. rotary cutter (SOLD).

Cabs for JD and Int. Tractors.

Glenco 12 ft. 9" Soil Finisher like new.

JD B grain drill 14x7 w/grass seed $575, Farmall 560 w/Int. 234 mtd. picker, $3775.00.

Planters - Oliver 6 row no til w/dry fert., inst., fert. fill and population monitor $2875. pick-up heads for NH 770, 717, Miller 12 ft. offset disk, JD Disks #210 - 12x14 ft. New Westfield grain augers 41 ft. 8" KD=$1395, 56 ft. 8" KD=1995. Used Manure spreaders - NI 214 nice, NI 14A, JD 54 & 40 like new, NH 346 tank spreader, 2-Int. 200 ground drive, excl., NH 27 & 28 Blowers, Kawannee 12 ft. roller harrow, good.

H.N. 36 & 33 Flail choppers.

PLOWS - JD 2500 6x sp. reset, JD 5x hyd. Int. #700 5X auto reset, fully eq., White 5x auto reset, 2 rollover plows - Int. (SOLD)#140 - 4x18, Oliver 4x16 rollover plows, Chisel Plows, JD 10 ft. pull type, Brillion 10, 12, 13 ft. 3 pt. Chisel Plows. Brady 10 ft. chisel plow Rockland rock picker. New Johnson loader.

Int. 3 pt. 7 Shank V-ripper, Brillion 3 pt. 5 shank V-ripper, new 12 ft. 3 pt. field cultivator.

NI and JD wheel rakes, 2 Used Gravity Bins on running gears.

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JD Disks- TW 12 ft. heavy disk; White 252 - Dual wheel disk. JD 65 & 66 blower. Woods 4 row stalk shredder.

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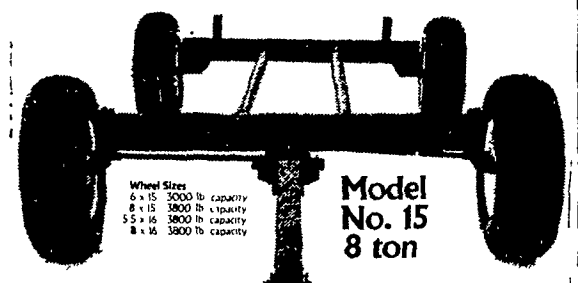

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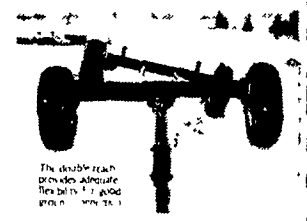

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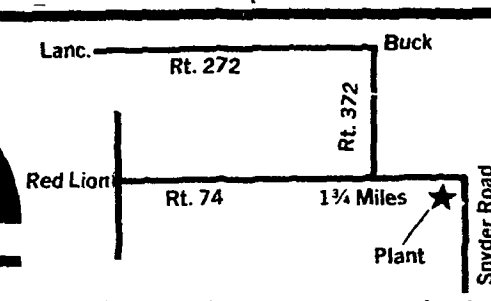

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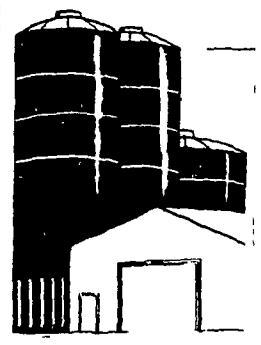

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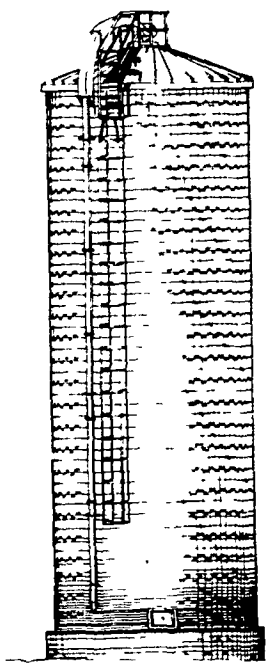

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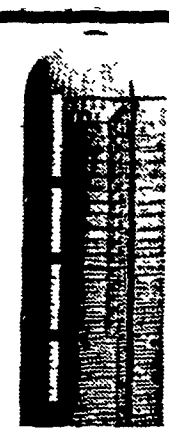

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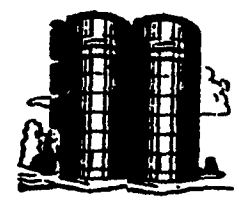

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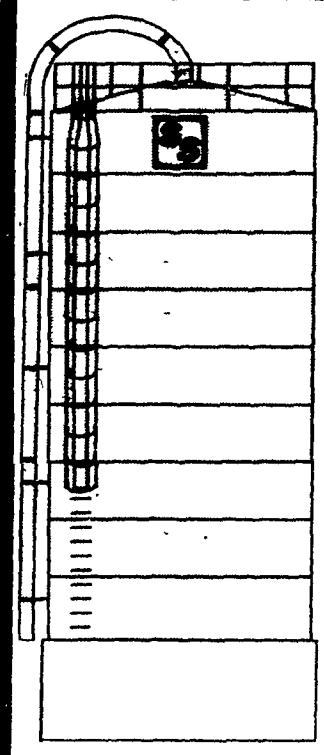

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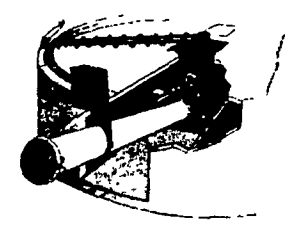

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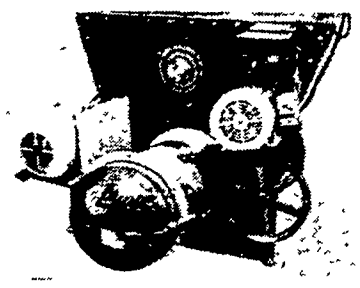

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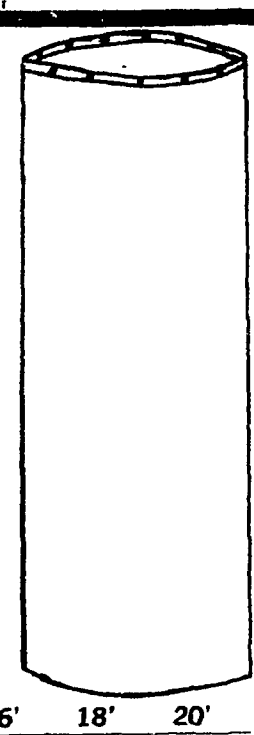

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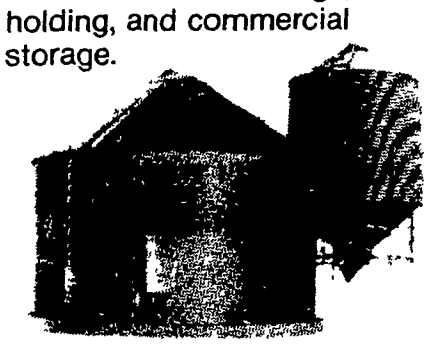

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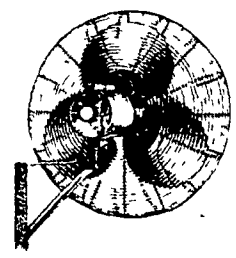

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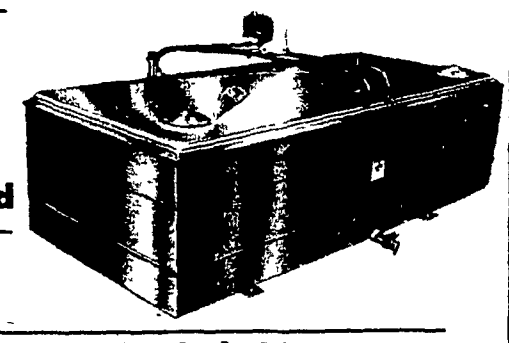

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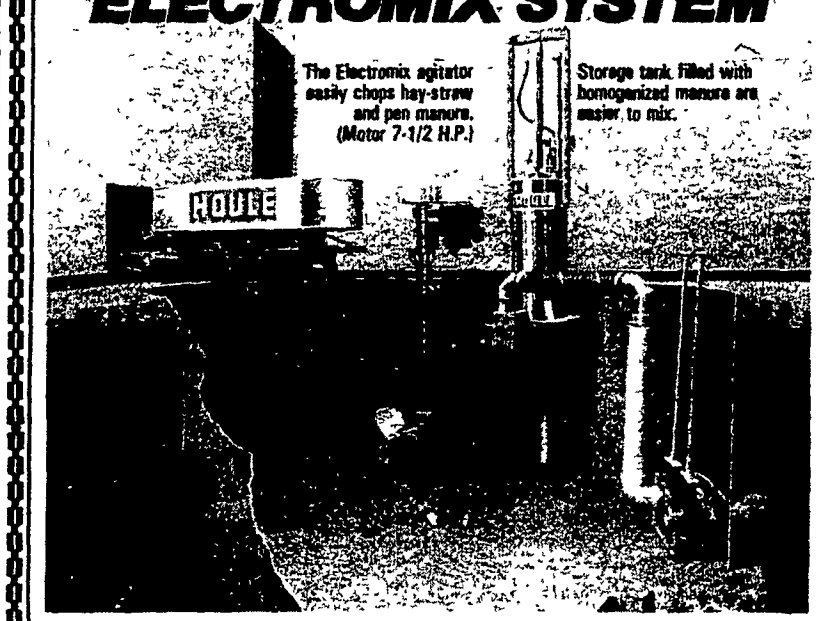
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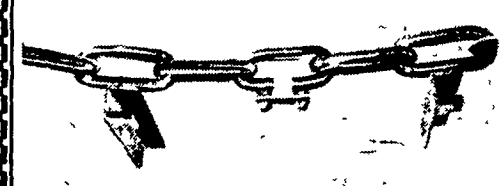

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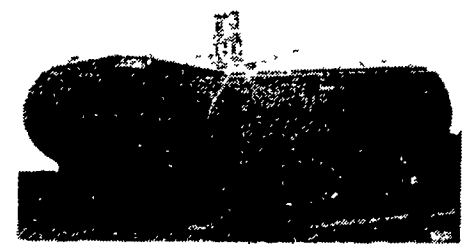

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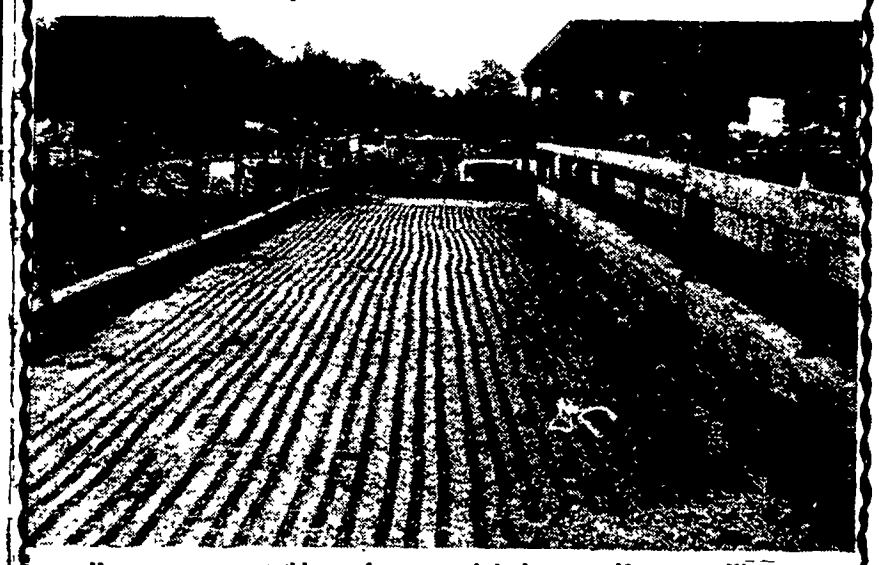

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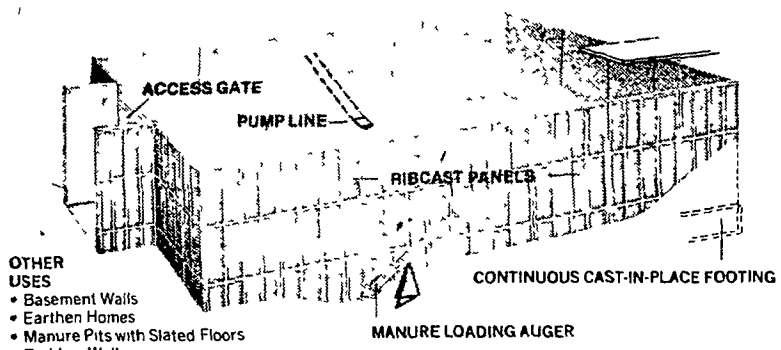

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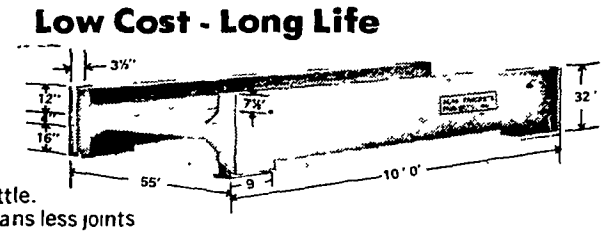

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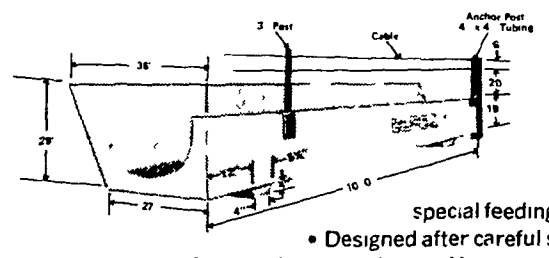

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403 S. Custer Ave.
New Holland, PA 17557
717-354-4174

LIVESTOCK EQUIPMENT & SUPPLIES

One 40' taper board, never used w/one HP motor, must sell, make offer. 215-369-1211.

CATTLE

Dairy herd of approx. 30 Holstein cows. 717-689-9491 Wayne Co.

For Sale - 1 Holstein heifer, fresh 7/4/83 with Red Factor, former 4-H project. Lebanon Co. 717-865-2870.

For Sale - Elevation dau. B 7-20-81, due 8-31 to Electra. Tapes 1300 lbs. Also Gay son from Elevation dam born 11-20-82. Chester Co. 215-486-0460 eves.

Five good quality heifers, due Aug. 1-15. Benuel Fisher, 3 miles south of New Holland on Peters Road.

6 Registered Holstein heifers, 3 Grade due July and August. 717-865-3117 nights.

Small herd of Holstein dairy cows, TB, Bangs tested, Juniata County 717-436-8707.

25 Holstein heifers, due between Aug. 28 and Sept. 30. Art. sired and bred AI. Health charts. Mostly vaccinated. Several registered. Floyd Baker, 814-695-3418 Blair Co.

Bull calf for sale, 2 month old, sire is Cap, dam is very good, 23,000 lbs. of milk, 700 lbs. of butterfat, $200. 717-684-8160.

Selling 75 out of 150 grade Holstein milk cows, ABS breeding, your choice 215-588-4704.

12 mo. bull out of 3 generations VG88 dams. Sire- Tradition. 717-442-8168.

For Sale - herd of Holsteins, art. breeding for over 30 yrs., 2nd-4th calf, TB and Bangs tested. Like to move them before cold weather sets in. 301-578-1224.

CATTLE

For Sale - Registered Brown Swiss heifer, bred Dec. 4, 1982, big, typy springing. Lanc. Co. 717-653-4086.

For Sale - two service age reg. Holstein bulls. Both sired by Valiant. Dam is VG-87 Elevation with good records. Sister of bulls is EX-90 with 25000M. 717-867-2489.

D.H. Rumsey, Bath, NY - Always in the market for top dairy animals - I buy all kinds, but prefer first and second calf heifers. Buy, Sell, Trade, Lease!! Phone 607-776-3478.

14 Holstein heifers, home raised, due to freshen end of August and September, 3 a little later, Leb. Co., 717-273-3679.

For Sale - 30 large Holstein heifers, due now through September. Andover, NY 607-478-8934.

Wanted - feeders or dairy heifers to raise on contract. 30 yrs. experience, excellent facilities plus abundance of feed. Can handle up to 500 head. Edwin Hulbert Jr., RD 1 Box 4, Troupsburg, NY 14855, 607-525-6214.

For Sale - 2 registered Holstein heifers, due in August, vaccinated and dehorned, DHIA records, Sire Power breeding, Paul S. Wallace, Lake Ariel Wayne Co., 717-698-5832.

Heifers raised for you, 6 mo. to freshening time. Hay, silage, grain & minerals provided. Contact Donald Eby, 3424 W. Pequea Lane, Gordonville, PA 17529, Lanc. Co., 717-768-3086.

10 vaccinated Holstein Heifers. Will be fresh in Sept. and Oct. Phone 717-899-6893 Mifflin County.

For Sale - Holstein heifers, Registered and Grades, due now. 717-263-9091. Charles C. Byers, 708 Kriner Rd., Chambersburg, PA 17201.

CATTLE

41 Holsteins, mostly first or second calf cows. Take all or your pick with a minimum of 15. Bedford 814-847-2238.

Wanted - Approx. 6 dry cows, freshening in August. Jerseys or Guernseys preferred, will consider others. 215-766-0890 or 215-795-2600.

Wanted - 60 cow herd of Registered or partly Registered Holstein dairy cows w/rolling herd potential of 16,000 or higher. 717-529-2512.

For Sale - 6 Holstein heifers, due August and September. Best offer. 215-589-2941.

53 Holstein dairy cows, 8 reg., 45 grades. OS DHIA records. 703-896-1547 Rockingham Co. VA.

For Sale - two Jersey heifers, $500 each or both for $800. 301-557-7479.

Holstein bull for sale, 7 month old, sired by Wagnercrest Ivanhoe Astronaut, Dam is V.G. 8 Marvex with record at 3-1 22,087 4.0% 888. Price $750. Phone 717-768-3811.

Wanted to lease - a good solid pedigreed service age Holstein bull. 717-656-7305.

For Sale - Open Holstein heifers, 500-800 lbs. 814-832-2244.

For Sale - 76 Black Angus feeder cattle. Beechdale Farm 717-656-8843.

Herd of 22 Holsteins. Some Reg., Mostly Canadian. All lactations. Susq. Co. 717-278-2901 Evenings.

Large Holstein heifers. Bred for Sept. and Oct. Call evenings and weekends 717-756-2131 Jackson, PA.

Herd of 53 Holsteins half registered, mostly first and second time, cows Sire Power. 717-378-2557.

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EVERYONE INVITED TO
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SATURDAY, AUGUST 6th - 9:00 AM

Messick Farms, Middletown

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SHOWMANSHIP CONTEST
LIVESTOCK JUDGING CONTEST
GUEST JUDGE: DAVE STOUGH, CHARLOTTE, MI.

EDUCATIONAL FORUM BY PENN STATE UNIVERSITY
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"Wisconsin and Canadian Dairy Cows For Sale - 1st, 2nd, and 3rd calf. Fresh and close springers. Cash, or credit with down payment. Specialize in selecting cows for customers. Free delivery. Reuben Greenberg, Inc., Columbus, New Jersey 08022. Phone 609-298-1021."

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Buyers & Sellers of Livestock -- Be sure to check the advertisements for cattle in the Lancaster Farming. You'll get results! 717-394-3047 or 717-626-1164.

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Service age registered Holstein bulls by Pete, Star, Astronaut, Glendale, Chief and others. Dams classified very good with records over 29,000 lbs. milk and 1195 lbs. milk fat. Stumpland Farm. 215-488-1965

Western & Canadian dairy cows for sale. As a service, we will select and deliver. Many years experience. Terms available. Also lease program available. I. Greenberg and Son, Box 249, Mt. Holly, NJ 08060. Telephone 609-267-1101

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All are sired by the top A.I. bulls of the breed. Many from high record dams, all bulls are home raised w/a large selection to choose from. Call collect John Barley, Star Rock Farms 717-872-4058.

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Achilles Cattle Co. - Semen - Lacombe Achilles, Exacalibur, PMB Savior, Titan of Sim- POL, Silver Tone Prime Time, Sir Duke Signal, etc. Edward Pierce, Neshanic Station, New Jersey, 201-369-4039.

Wanted - Herd of dairy cows or heifers, 301-358-0412.

Registered polled Herefords, cows, calves, heifers, 100 must go by Sept., 215-647-2787.

For Sale - Registered Holstein cows 2-5 years old. DHIR records from 12,000 lb. to 20,000 lb. and 800 lb. fat. Phone 301-790-2664.

For Sale - 12 large Holstein heifers, due in August $1000 each, 717-689-2947.

We have a few surplus fresh heifers and cows for sale, 717-632-0572, Pen Mar Farms.

For Sale - Quality Simmental cows, heifers and two bulls, 301-374-2975.

For Sale - grade Holstein heifers, DHIA, due Aug. and Sept., Schuylkill Co., 717-739-2247.

Sale - 10 large grade Holstein heifers. Due in August and September. 215-298-2993.

FOR LEASE
Will lease to good farmers 1st calf heifers w/option to buy.
Write: Sunrise Farms
Box 145
Codorus, PA 17311

CATTLE

For Sale - 8 heifers, 11-19 months old records to 19,000 lb. milk, 717-682-9391.

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Established Quality breeding Stock Cows, Pairs, Heifers, Club Calves, Feeders, Proven Bulls.
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42 Registered Holstein heifers due this Fall. All are vaccinated. 16 due in August. There are daughters of ELEVATION, SEXATION, CONDUCTOR, CREEK, VALIANT, PETE and others. Service sires represented include CHAIRMAN, WILLOW, VALIANT, KINGSTEAD MACHO MAN, MARVEX.
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Steve Porter, Williamsport, Pa. (717-323-9465)
D.H. Rumsey, Bath, N.Y. (607-776-3478)

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Cows - Heifers - Pairs
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Reg. Morgan stud service. Good temperment, 15 hands. Joseph Esh, 2151 Forry Road, Lancaster, PA 17601.

Beautiful Haflinger horses, beautiful Arabian stallion, flashy Quarter Horse mare, Ted Flowers silver parade outfit or will trade for fancy 2 horse trailer. 814-445-6358.

Wanted - groom/handyperson for small broodmare and yearling operation, plus property barn maintenance, will provide salary and living accomodations, write Groom, PO Box 86, Glenn Mills, PA 19342.

CATTLE

ATTENTION: CATTLE FEEDERS:
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Bred cows, pairs, bred heifers, yearling heifers, yearling bulls and club calves
Priced to sell
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717-367-1552 office
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Tioga County farm

SHEEP & GOATS

Registered Hampshire sheep, 1 yearling ram, 3 AHSA aged ewes, 1 ewe lamb, make offer. 717-394-9765.

2 5 mo. old ram lambs, 2 16 mo. old ram lambs, $50 each. 717-626-2919.

Registered Suffolk sheep, 4 yearling rams, 6 yearling ewes, excellent bloodlines, 609-654-2694.

Nubian dairy goats, 3 months old. 717-566-6575.

Reg. Nubian goat bucks. Pedigrees include nation's best milk and show stock. For Sale or stud. Doelings available. Gettysburg 717-334-7993.

One purebred Dorset ram lamb, born Jan. '83, Nix Besser bloodline. 717-684-8898.

Targhee cross lambs, yearlings, 2&3 year olders, all ewes, must sell, excellent stock. Also 2 Registered Targhee yearling ewes. Montgomery County 215-679-4553 evenings.

For Sale - Registered American Nubian goats. Milker, bred doe, doeling. Not culls; dispersing herd. Near Pinchot Park. 717-432-3788.

Flock Reduction- 50 reg. Cheviot ewes, $90 each. 301-948-5715 eves. 301-948-7600 daily.

Southdowns - Show Flock and breeding stock for sale we will not be showing this year, top animals of our flock are for sale, prize-winning sheep with top bloodlines of the breed. Clyde McConaughey Smicksburg, PA, 412-286-9671.

HORSES & MULES

Reg. Appaloosa 4 yr. old gelding, exc. disposition, black with large white blanket. 717-289-4733 after 5 PM or weekends.

For Sale - Bay Saddlebred driving horse, 5 yrs. old, family broke. Amos K. Kauffman, c/o Elam P. Kauffman, RD 2, Honey Brook, PA.

1 reg. Morgan mare, broke and sound, 15.1 hands, 8 yrs. old. Daniel Glick, Windy Pore Road, Box 297, Bird-in-Hand, PA 17505.

For Sale - 6 yr. old Standardbred stud, 16 hands, excellent driver, $800. Call after 5.30 PM 717-354-9320.

Standard Bred stud service, stands 16-2 dark color. With white markings. Melvin Stoltzfus, P.O. Box 22, Talmage, Pa. 17580

Small childrens pony, any child can ride. Also top saddle bred caggage horse. Isaac S. Zook South of Intercourse.

Wanted - Courting wagon for 2 or 4 passengers, horse any age but not afraid of auto traffic. 614 Yale Rd., Cynwyd, PA 19004 or call 215-667-5329.

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SWINE

2 Bloodlines of Yorkshire cross gilts for sale, due in next 10 days. Joseph S. Kauffman, RD 1, Box 277, on Bell Rd., near Nine Points, Christiana, PA 17509.

If you have swine to sell or buy - check our swine column. It is read weekly by thousands. 717-394-3047 or 717-626-1164.

YORKSHIRE AND LANDRACE boars and gilts of all ages. Pseudorabies negative tested boars for sale at all times. Production tested, certified meat tested, Show winners with many carcass champions. Daily drive-in and drive-out service. Reno H. Thomas, Beavertown, PA 17813. 717-658-5821.

For Sale - Yorkshire Service Boars. Elwood E. Houser, 2150 Quentin Rd., Lebanon, PA 17042. 717-272-5798 or 273-2921

Primarily large white and Landrace cross gilts for sale out of a highly productive unit. Write to Melvin K. Fisher, 25 Quarry Rd., Paradise, PA 17562. Lancaster Co.

For Sale - Hampshire and Berkshire boars, open gilts, Berkshire-Hampshire crosses, pure Berkshire open gilts service age. Terry Bennecoff 215-285-6582.

30-50 Duroc, Yorkshire and Spotted F-1 bred gilts for sale. Due every month. Also boars and open gilts. Same breeding as Top Pen of Yorkshires over all breeds as at Penn State 1982 and Top Pen Full American blood Durocs over all breeds '81 tests. All boars gaining over 2 lbs a day. Also feeder pigs at times. Brucellosis free herd 26, and Pseudorabies free 18. Calvin H. Lazarus and Sons, 4290 Bridge Street, Whitehall PA 18052, 215-799-3375 or 3831

For Sale - Crossbred Landrace Yorkshire gilts, crossbred litters maintain a 9 plus weaning average, over 500 litters annually. Boars- purebred Duroc and Landrace and Hampshire-Duoc. Foundation stock is bred artificially from top bloodlines in the country. Dutch Valley Farm, RD 5, Manheim, PA 17545. Call Mark, 717-665-6220 or John 717-665-2588.

SHEEP & GOATS

Registered Suffolks: 2 year old ram, Penoneau 8109; ram lambs; 4 ewe lambs; 2 yearling ewes; one 2 year old ewe; one 3 year old ewe, 301-489-4300.

Nubian goats for sale. Have shown well in 4-H Fair. Friendly and lovable. Call 301-848-8236.

For Sale - registered LaMancha buck. Stud service, Lancaster sires, Vodka, Tonka. 215-445-6622.

Stud ram service, purebred registered Targhee ram available for August, September and October, breeding sire of all twins and triplets, also purebred Targhee triplet ram lamb for sale, $150. Also Targhee black ram lamb, $80. 215-932-9395, Chester, PA.

Two year old black/silver ram Corriedale with border Leicester and Montadale. Beautiful large fleece, $250, 717-872-2783.

Registered Suffolk bred ewe flock, 28 all or in part will retain yearlings and lambs, Paul Leader, York, 717-741-1445.

For Sale - 3 registered yearling Columbia rams $150 each, one black 3 year old Columbia-Corriedale ram $200. L-N-K Columbias Still Pond, Kent Co., MD, 301-348-5017.

Reg. Hampshire yearling ram, sire Wilson 2699, champion ram lamb at Keystone stud ram sale in 1981, $125. Juniata Co. Call 717-436-2325.

SWINE

Yorkshire and Hampshire service age boars, also 85 open gilts ready to breed, John Strawbridge, 301-996-2022.

Yorkshire bred gilts and breeding age boars, Miller's Yorkshire Farm, RD 1, Box 1366, Spring Grove, PA 17362, 717-225-1926.

For Sale - Chester White and Spotted service aged boars and open gilts, also a few bred gilts, James Parlett, Airville, PA 17302, 717-862-3610.

For Sale - Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines, Willow Glen Farm, R1, Box 221 Strasburg, Pa. 17579, 717-786-2562.

For Sale - Duroc boars and crossbred Duroc Yorkshire boars, 4 months to service age, $100 to $250, 717-463-2463 or 717-463-3448, Nale Brothers, McAlisterville, PA.

SWINE

Yorkshire Service Boars, Brucellosis and Pseudorabies free herd. Will deliver. Red Run Farm, RD#2, East Berlin, Pa. 17316 717-292-4634.

For Sale - Duroc Boars, ready for service in late August, Brucellosis and Pseudorabies free herd, delivery available, Rick Pfautz, RD 1, Stevens PA 17578, 215-267-3739.

Service age reg. Yorkshire boars, bred gilts, due August from healthy productive herd. Delivery available. Charles Hall, Box 263, Julian, PA 16844 Centre Co. 814-355-1647.

DUROC BOARS and gilts, production tested, certified meat type show winning stock. Bloodlines of the best in the U.S. Par-Kay Farm, Park F. Thomas, Beavertown, Pa. Phone 717-658-6544.

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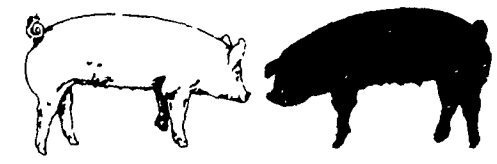

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Next Sale August 19th

SWINE

Yorkshire Bred Gilts due Aug. 8 to Aug. 27. Some bred to Hamp boar. Red Run Farm, RD#2, East Berlin, Pa. 17316 717-292-4634.

For Sale - 5 DeKalb crossbred boars, 225 lbs., $150, 717-272-5089.

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10 farrowing crates, complete, w/waterers and feeders, $75 per crate. 609-894-8798.

For Sale - 16' Kiefer Built, bumper hitch, tandem axle hog trailer; Ilis pregnancy tester; 500 psi JD pressure washer. 301-438-3853 after 6 PM.

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BABY CHICKS - Hubbard Leghorns, Golden Comets, Cornish Giants, Barred Rock, Reds and other breeds. Also turkeys, ducks, geese, guineas, and game birds. CASE HATCHERY, 79L Brodbecks, Pa. 17329, 717-235-2050

Farmer Automatic 4 deck cage systems, for pullets & layers. No pits needed in building. Reynolds & Yellott, 12800 Gores Mill Rd., Reisterstown, MD 21136. 301-833-1840

Dismantling 800' x 30' slatted floor chicken house, feed bins, fans, feeders, waterers, etc. 717-569-0022.

Whole egg plant Page 70, 72 cases per hour, 6 packers jumbo-small. 914-583-5591 evenings 7-10 PM.

5 Diamond Drideck egg collectors, 10 Big Dutchman flat deck egg collectors. 914-583-5591 evenings 7-10 PM.

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- 6 Big Dutchman Wide Chain-Drive Units
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- 5000 Ft. Big Dutchman Wide Chain
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QUAIL CHICKS GUINEAS TURKEYS GOSLINGS DUCKLINGS PHEASANTS BANTAMS PEAFOWL SWANS
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White Muscovy Ducklings & White Embden Goslings by the hundreds or thousands.
All kinds of chicks, turkeys, guineas & ducklings available weekly.
Write for free picture catalog.

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High moisture ground ear corn in Ag-Bag, Frederick Co., MD, 301-874-5725.

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For Sale - Complete Northco reverse cage laying system, 48,000 birds, 717-838-6441.

Guniea Keets .70 each, Tim Lichtenwalner, Macungie PA, 215-965-6817.

Wanted Double Yolk Egg
Will pay premium price
Lancaster County
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FRESH EGGS

WANTED HEAVY HENS
We buy, sell and haul all kinds of poultry.
Yank's
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Sell direct to us for cash.
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* Chuckers
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* Lambs
* Goats

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215-267-4784

FEED & SEED

For Sale - Rye seed not cleaned $5 per bushel, Cumberland Co., 717-776-6143.

For Sale - 35 acres mixed hay Timothy and alfalfa, standing. Approx. 2400 bales per cut, will take bids for fall cut and 1984 season, Howard PA, Centre Co. area, 215-532-8683.

Rye for sale - Last year's certified seed. 215-488-1847.

For Sale - corn silage by the ton. 717-442-8338 No Sunday calls please.

For Sale - 2000 bu. high moisture shelled corn, Bernville, PA. 215-488-1965.

For Sale - Very good quality wheat straw at barn. 717-933-5565.

For Sale - Rye seed, bulk or bagged, uncleaned. Lancaster County. Call after 6 717-786-3435.

For Sale - Large grain rye, bulk or cleaned and bagged, 717-733-4516.

For Sale - High moisture ear corn 50% of cob, pick up at farm, out of Harvestore. Lanc. Co. (215) 445-5105.

For Sale - Oyster shells, Contact Nelson Weaver & Son, Inc., Lititz, PA 717-626-8538

ProLasse 8%
All Natural Molasses Base Liquid Protein. Make sweet feed with any PTO mixer. Wholesale, retail from manufacturer, dealer inquiries invited. Call collect. 301-343-0343

Will buy moldy grain, 301-833-1847.

For Sale - good quality corn silage, will deliver. E.M. Herr Farms 717-464-3321.

Wanted - clean straw, any kind, will pick up at the field or deliver to my farm, 717-872-4058.

Corn silage for sale in Southern Lancaster County. Best offer. 717-284-4281.

For Sale - alfalfa, timothy and mixed hay, delivered or at farm. 607-243-8448 or 8483.

For Sale - good quality corn silage, 717-768-8586, Lancaster Co.

Nice, bright wheat straw. Stump Acres. 717-792-3216.

Hay for sale, 2nd cutting. 717-393-4683.

For Sale - cornlage, stored in a Harvestore structure, at the farm or we will deliver in 12 ton loads, 215-256-9343.

For Sale - approx. 5 ton ear corn, 215-584-6053 after 5 p.m.

New hay and straw for sale, $1.00 per bale. Call 717-642-5180.

Corn silage for sale. Will deliver to your farm. 717-872-4058.

High moisture shelled corn for sale. 717-872-4674.

Hart wheat for sale, certified last year, yielded 50 bushel per acre, stiff straw, $5/bushel cleaned, $4.50/bushel uncleaned, approx. 300 bushel. 717-692-2713 after 7 PM.

Corn Silage For Sale
Easy loading trailer, truck or straight job.
717-898-7605

SELLING HIGH MOISTURE CORN
Will Deliver
LUKE H. KURTZ
215-944-0263
Berks Co.

FEED & SEED

Choice Timothy & Alfalfa, Timothy & Clover and Timothy Hay
717-324-2841

BUYING EAR CORN AND SHELLED CORN
Picked up at your farm or delivered to Manheim.
JAMES E. NOLL
RD 2, Manheim, PA
717-665-4785

FEED & SEED

For sale - small grain rye. 717-766-2954, 766-9812.

BUYING EAR & SHELLED CORN BARLEY & WHEAT
Receiving Daily
Rt. 372 - 2 Mi.
West of Buck, PA
PH: 717-284-4628
MARK RISSER
Holtwood RD 1
PA 17532

BUYING EAR CORN
Good Quality Only
Will pickup at your farm.
KENNETH MIKO
R.D. 3
Schuylkill Haven, Pa
717-739-4586

WANTED
Ear Corn & Shelled Corn
RONALD S. KEENER
Elizabethtown, Pa.
717-367-6309

WANTED MULCH HAY
We need your hay.
Prompt Payment
For Sale - Good Feeding Hay
BODMAN FARMS
Gerald Bodman & Son
717-799-5306

FOR SALE
Peanut Hulls,
Sawdust & Shavings
Hay & Straw
Bulk - Bagged - Bales
717-529-2855
If no answer 717-529-6305

Buying and Selling High Moisture Corn
Air Blown, whole kernel corn
3000 tons storage
Stern Farms
Call for price.
Trucking Available.
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WANTED
SHELLED CORN AND EAR CORN
340,000 Bushel Storage
Fast Unloading
Trucks Available
SHOOP GRAIN CENTER
RD 1 Milton, PA 17847
717-524-0325

FEED & SEED

Buying Ear Corn

- Receiving daily
- Fast unloading
- On spot payment

Located just off Rt. 30 in Paradise, PA

Call for information at

717-687-7574

Ben Kreider
B.K. Mobile Milling, Inc.

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IF YOU HAVE GRAIN WE BUY IF YOU NEED GRAIN WE SELL

Ear Corn - Shell Corn
Buying Wheat

NELSON L. ROHRER
Lancaster, PA
717-569-7929 717-569-4383

We'll buy your grain.

Delivered, or F.O.B. Your Tank
Grain Receiving in Lancaster, York, Palmyra

Call Pennfield Corporation at 299-2561

Area 717 or 215
Call Toll Free 800-732-0467
Outside of PA
Call Toll Free 800-233-0202

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WANTED
ALFALFA, TIMOTHY & MIXED HAY & EAR CORN
Will pickup
JAMES G. KREIDER
717-786-3936
Lancaster Co.

BUYING EAR CORN SHELLED CORN SOYBEANS
MARTIN GRAIN
RD 1, Mt. Joy, PA
717-653-1085

Wet Brewers Grain
For Sale

10 or 20 ton loads

Ernest J. Tomer Trucking Inc.
201-475-2578

WANTED

Shelled corn and soybeans
Dealer in small grains, contract or spot purchase.

EARL R. MARTIN INC.
P.O. Box 3, East Earl, PA
717-354-4061

BUYING WHEAT CORN & SOYBEANS

CONTRACT OR SPOT PURCHASE

480,000 bu. Storage capacity
Fast unloading, digital printout scales

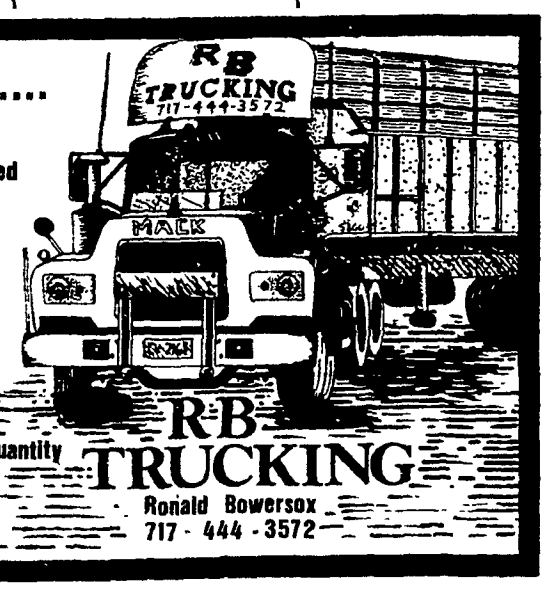
HOSTETTER GRAIN
RD 1, Oxford, PA
Located along Rt. 10 between Russelville & Oxford
215-932-4484 business
215-932-9599 Residence

BUYING EAR CORN AND SHELLED CORN

Picked up at your farm or delivered to Marietta
Spot or contract prices available
60 ft. scale

CUSTOM DRYING AND STORAGE

R.K. VOGT GRAIN
RD #1, Marietta, PA
717-653-2510
"Customers make our day"



FOR SALE.....
SAWDUST
Dry - Fresh Cut - Cured
SHAVINGS
Bulk Loads
SAWDUST AND SHAVINGS MIXED
Discount given for Quantity
TAN BARK
Fresh or Cured

R-B TRUCKING
Ronald Bowersox
717 - 444 - 3572

FEED & SEED

Wanted - Ear corn, good quality only. Will pickup at your farm. Ken Miko, RD 3, Schuylkill Haven, Pa. 717-739-4586.

FERTILIZER

For Sale - Chicken manure, will deliver, 717-768-8278

Dry fertilizer attachments for Holland transplanter $525 for both, new cond., 717-587-4839

For sale - poultry manure delivered and spread with truck. 717-733-9723.

For Sale - will spread cage layer manure, Southern Northumberland County. 717-758-9263.

LIME

100% thru 100 mesh 40% CaO, 77% CaCO3 3% Potash, USDA tested and proven. ENP=75 Only $4.40 per ton F.O.B. Bangor, Penna.

LIME

Granulated, dust Free 54% CaO; 96% CaCO; university tested and proven. $10.00 per ton F.O.B. Baltimore or New Jersey.

Sundance Agri Products & Services
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Bangor, Penna. 18013
(215) 588-8150

MUSHROOM SOIL

1000 bu. load @ $80 per load

Poultry Manure Also Available

215-376-0938 after 6 P.M.

FERTILIZER

CHICKEN MANURE

For Sale

Delivered in trailer or straight truck lots. Covering MD, DE, NJ and PA.

Test analysis show analysis up to 33-69-32.

"Better Than Fertilizer"

Zook & Yoder Trucking
3754 Old Phila. Pike
Gordonville, PA 17529
717-768-8278

MUSHROOM SOIL FOR GARDEN MULCH

900 bu. - $90
450 bu. - $70
225 bu. - $50

ALSO POULTRY MANURE IN TRAILER LOAD LOTS AND SHRUBBERY TAN BARK MULCH IN TRAILER LOAD LOTS OR PICK-UP LOADS

MAHLON H. MARTIN & SON
717-859-3348
or 215-267-6400

FERTILIZER

USE POULTRY MANURE AND SAVE FERTILIZER DOLLARS

- Fertilize before small grain seeding
- Disc or plow under on this year's corn ground.
- Top dress pasture land.
- Add organic matter to soil.
- Inexpensive source of nitrogen.

★ You Call - We Haul

Delivered in 20-22 Ton Trailer Load Lots

PENN AG PRODUCTS, INC.
Serving Pennsylvania Agriculture

PENN AG PRODUCTS INC.
403 S. Custer Ave.
New Holland, PA 17557
717-354-4174

PLANTS

PLANTS FOR SALE

SNOWCROWN HYBRID CAULIFLOWER
Also
CABBAGE, BROCCOLI, CHINESE CABBAGE, ENDIVE, BRUSSEL SPROUTS, RED CABBAGE, KOLEROBI KALE, MUSTARD, BIB LETTUCE, ROMAINE LETTUCE.

PAUL BRENEMAN
RD 4, Lititz, PA
717-859-1662

FRUITS AND VEGETABLES

For Sale - Strawberries, $1.25 a qt. 537 Hackman Rd., Brunnerville, Pa. 717-626-2658 or 626-6475.

For Sale - Sweet corn Silver Queen, cantaloupes, wholesale. Stephen Esh, 98 Westview Drive, Gordonville, PA 17529, mile northeast of Intercourse.

U PICK Blueberries

70¢ per pound
20% Senior Citizen Discount
7-7 Everyday

South from Dover, DE take Rt 113 to Millsboro, DE, right onto Rt 24 and follow signs 5 miles to Rt 26 turn left, 2 miles to farm

RYAN'S DAIRY FARM
302-238-7776

Orders taken for snowcrown cauliflower, market prize cabbage, broccoli, endive, chinese cabbage, all plants. Paul Breneman, R.D. 4, Lititz, PA 17543. 717-859-1662.

FRUITS AND VEGETABLES

Sweet corn & tomatoes

Wholesale & retail.
Order now.
Also special on cheese.
Unbeatable prices now through August.

Leacock Egg & Produce Farm
½ mile north of Gordonville on Old Leacock Rd. watch for signs.

BARTLETT PACKAGING

"Full Service Warehouse"
Packaging Supplies for -

- Poultrymen
- Produce Farmers
- Greenhouses & Nurseries
- And Others
- Fruit Growers
- Roadside Stands
- Records & Storage

Pick Up & Delivery Service

Give us a call or stop in. We probably have just what you need. Located east of Mt. Joy on Eby's Cheque Road (2nd building on right)

Bartlett Packaging
RD 3 Box 340
Mt. Joy, PA 17552
717-653-9444

FERTILIZER

BROILER & TURKEY MANURE FOR SALE

Delivery anywhere in 23 ton loads

717-582-2352

NURSERY

For Sale - Ford F350 12' dump stake w/hitch and electric trailer brakes 4500 miles; 1968 JD 400 T.L.B. w/Caretree model 601 hydraulic tree spade set up for quick-attach, will sell separate or together 215-458-8623.

Wanted - copper Beech trees any size or information, Lebanon Co., 717-865-6860.

SERVICES OFFERED

Oatman Septic Pumping Service. White Oak Rd. Smyrna, Lancaster Co., PA 17509. 215-593-6240. 215-857-9612

Soybean roasting on your farm. Dale L. Schnupp. RD 6 Lebanon, PA 17042. 717-865-6611

Bradford's Cattle Hoof Trimming. 301-452-8574 or 301-838-5105 (ans. ser.)

Will glaze steel barn sash, bring sash and glass any day but Sunday. Sam King, 2 mile north of Georgetown, 434 S. Belmont Road, Ronks, PA.

Will repoint old stone buildings, 717-354-7835 or 717-738-1742.

CATTLE HOOF TRIMMING
Tom Frey
717-872-2132
Lancaster and Surrounding Counties

HOOF TRIMMING
M.D. Herr
717-665-2718
Lancaster and Surrounding Counties

Kenneth Horst
Livestock Hauling
Will do your local livestock hauling.
Lamparter Road,
Greentree
Lanc. Co.
717-786-7545

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Hauling
- Hay & Straw to auctions
- Corn & Grain
- Tobacco
- Equipment
- Lumber
- Local or long distance
- Skid Loader Work

(White Horse)
R.D. 1
Gap, PA 17527
Call anytime
717-768-3052

SERVICES OFFERED

J.C. Ehrlich Co., Inc. Termite, Pest, Rodent and Smoke control. Lawn and shrubbery spraying. Free estimates. 1278 Loop Road, Lancaster, Pa. Phone 717-397-3722.

Custom
Liquid Manure Hauling
Manure Agitator
York, Harford & Surrounding Counties
717-382-4881

CATTLE HOOF TRIMMING
David Eckman
Lancaster & surrounding counties
717-284-2388
or 284-4706
Somerset & surrounding counties
814-798-3209

DANIEL S. SMUCKER
Building & Remodeling
Roofing, Siding
Carpenter & Mason Work done.
No Job Too Small.
Low rates.
Quality Workmanship
Call
717-768-8614
RD #2 Narvon, PA

BAG ALL
We Do Custom Bag Filling With Our BAG ALL MACHINES
Please Phone
717-456-7692
8 AM to 5 PM

GENERAL CARPENTRY
- Pole and Block Buildings
- Cow Stables
- Cement and Repair Work

STEPHEN F. FISHER
RD #1 Box 174
Strasburg, Pa. 17579
717-687-6539
Ask for Jon

CUSTOM WORK

Wanted - Custom combining and grain hauling. 717-533-6115 or 717-534-2229.

HELP WANTED

Mr. or Mrs. Farmer--McNess, a livestock premix company, needs you to sell a guaranteed tag premix to your neighbors and deliver it. Use your spare time to increase your income. Excellent commission. Set your own hours. Call Lyle Frehafer at 717-385-1408 between 6:30 p.m. and 8:30 p.m. for details.

Caretaker needed to work and live on beef farm and packing plant. Must have experience operating, repairing and maintaining equipment. Modern home and all benefits included. Prefer middle-aged couple w/no children. Baum's Meat Packing, Box 472, Lansdale, PA 19446. 215-855-4742.

CUSTOM WORK

Custom Combining - Bethel, Frytown, Fredericksburg and surrounding areas. Small grain. Will travel for acreage. John J. Brown, RD 1, Box 2291, Jonestown, PA 17038. 717-865-4395.

CUSTOM GRAIN HAULING
717-866-7035

CUSTOM AG BAGGING
Most Bags $800
Will Travel
215-488-6835

CUSTOM BAGGING
Screw Press Machine
8'x95' & 8'x150' Bags
Also 9'x135' 2 Ply Bags
High Unloading Capacity
High Compaction
Can Ammonia Treat
Merle W. Martin
717-626-4915
Lititz, PA

Custom Round Baling
High moisture hay $4 per bale
Lancaster Co.
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CUSTOM SILOBAGGING
Two Size Bags to fit your needs
95'...150'
Call Today
717-665-7471
Professional Serivce: We operate the press to save you time and money
Charvin Farm
(Elstonville)
Dervin Clair Hart
RD 4, Manheim, PA 17545

HAROLD SEIVERLING, JR.
CUSTOM WORK

Silo Filling
- Silage
- High Moist. Corn

Combining
- Corn Shelling 6 RN
- Soybeans

10% OFF For New Customers

Ph. 717-626-6142
Lititz, Pa.

HELP WANTED

We are in need of qualified personnel in our service department capable of repairing and servicing balers, combines and tractors. I.G. Sales, Box 200, Silverdale, Pa. 18962, 215-257-5135.

Married farmhand for dairy herd in Somerset Co. Experience with milking and equipment required. 814-267-3724 between 7 & 9 PM.

Experienced dairyman needed for work on lg. modern dairy farm. References required. Pay commensurate with ability. 301-874-5229.

Experienced tractor driver to clean manure from chicken houses on poultry farm. Living quarters available. Write to Goldstein Farm, RD Box 56, Swan Lake, NY 12783 or 914-583-6369 after 6 PM.

Help wanted for registered Holstein farm in Western Mass. New barn, modern facilities, housing available, must be experienced, aggressive, self-motivating person, will consider all applicants, call for interview or send resume. Sodom Mt. Farm, Box 320, Southwick, Mass. 01077, 413-569-0140.

Farm Position
A capacity individual with cattle and other farm related experience including baling, carpentry, planting and some machinery experience wanted for full-time position in N. Baltimore Co. Write PO Box 22, Butler, MD 21023.

Experienced dairy herdsman needed, York Co. Reply to PO Box 366 J-280 c/o Lancaster Farming, Lititz, PA 17543.

Wanted - young married couple, Mennonite preferred, to work on dairy farm near Dundee, NY. Work into ownership. Write Box 121, Wayne, NY 14893.

Feed and Farm Supply Sales Position - Agriculture business related experience required. Southcentral PA dairy county. Good income. Potential for right person. Send resume to Lancaster Farming, PO Box 366, D-65, Lititz, PA 17543.

Mature woman to take charge of small herd of dairy cattle and small house. Live in. Chester County. 215-269-0759.

Herdsman for 90 cow herd, experienced with AI, silo unloaders and feeders and general farm machinery. Housing provided. Salary based on ability. Only qualified and serious applicants 215-347-2346 between 9 AM and 8 PM.

Experienced herdsman needed to take complete charge of 120 cow dairy, must have experience in dairy and personnel management. Wages to $15,000 per year. Reply to Box 366A-63, c/o Lancaster Farming, Lititz, PA 17543.

Position open on modern dairy farm, must have experience in dairy and operating modern farm machinery. Southern Lancaster Co. 717-786-3591.

Dairyman - Must be experienced milker, able to assume responsibilities and work alone, for a Susq. Co. dairy farm. Reference required. Write to Lancaster Farming, P.O. Box 366, R-59, Lititz, PA 17543.

Ambitious person to assist with barn and field work on southern Lancaster Co. dairy farm. Experience necessary. Good pay and optional incentives for right person, 717-548-2469.

Experienced working foreman for poultry farm. Must be mechanically inclined. Mobile home available. Good salary and other benefits. Call 914-583-6369 after 5 or write Goldstein Farm, Box 56, Swan Lake, NY 12783.

HELP WANTED

Position opening soon in Bradford Co. for a serviceperson, must be self-motivated, must have experience in farm equipment, pipelines plumbing and electrical work, Send complete resume to Lancaster Farming, PO Box 366 D-66 Lititz, PA 17543.

Large national A.I. organization is looking for several individuals to fill sales representative positions in PA.

Opportunity is great as job pays commission. Attitude, experience, proficiency, imagination and the ability to be a self-starter are important for this job. Relocation may be necessary.

Send replies in confidence to:
Lancaster Farming
PO Box 366, R-60
Lititz, PA 17543

Operators of portable seed cleaning machines needed mid-July until fall. Must be reliable, farm background preferred.
OPERATORS NEEDED IN THE FOLLOWING COUNTIES LANCASTER, LEBANON, DAUPHIN.

Excellent Pay!!!

REIST SEED COMPANY
Mount Joy, PA
717-653-8078 or 4121

DO YOUR ENJOY WORKING WITH HORSES?

- A RARE OPPORTUNITY - for a working Horseman with a small family for a brood mare farm in Maryland

Job offers New House and Excellent Working Conditions
Write: c/o
Box 68, Butler, MD 21023
Sales and Riding Experience Helpful

Route Salesman For Animal Health And Farm Supplies
For established route calling on farmers in Northeast Lancaster County.
Dairy farm background helpful.
Guaranteed salary plus commission.
Including benefits such as profit sharing, life insurance, hospitalization, etc.
Write or contact:
Animal Medic, Inc.
P.O. Box 575
Manchester, PA 17345

Our business is growing to the extent we require additional sales representation immediately.

If you desire big bucks and want to be paid accordingly for your effort, this could be the opportunity you have been looking for. Our only requirement is a sincere effort on your part to be successful.

Our company provides complete advertising and marketing support in the field. We manufacture and supply our top quality product line direct to farmers and dealers throughout the United States and Canada.

An agriculture background is a plus but not a requirement.

If unlimited income with a great future and independence appeals to you, please write a brief resume to:

Terry E. Miller
P.O. Box 277
Conestoga, PA 17516
All replies will be contacted.

HELP WANTED

Truck Driver with farm equipment operating skills on a 2000 acre cash crop operation. Residence available.
717-748-2563

Responsible person or couple to work on 100 cow dairy farm with milking parlor. Must enjoy working with cows. Modern farm house available. Good offer for right person.
Lancaster County
Send replies to:
Lancaster Farming
P.O. Box 366, R-10
Lititz, PA 17543

HELP WANTED

Fulltime person for tending & milking cows. Experience good but not necessary.
717-898-2568

TERRITORY MANAGER
Background and knowledge of agriculture required. Calling and setting up established wholesale accounts.
* Excellent present volume
* Good company benefits

Write Box 366 J-281
c/o Lancaster Farming
Lititz, Pa. 17543

Loan Officer
Desirable qualifications include: Agricultural background, solid understanding of accounting and finance principles. College degree desired. Position open in Southern Chester County. Excellent benefits. Opportunity for advancement. Salary commensurate with ability.
Send resume to:
Southeast Farm Credit Service
PO Box 687
Avondale, PA 19311
Equal Oppportunity Employer

SITUATIONS WANTED

Wanted: Married couple to help work dairy, some field work. Payed salary, house, utilities, and Blue Cross Blue Shield. Write or call after 8 p.m.
Mat-Mar Farms Inc.
RD#1 Box 67A
Leesport, PA 19533
215-926-1428

Herdsman or herd mgr. married, family, exp. herd health, AI, high production fitting showing, records, references, Write to Lancaster Farming, PO Box 366 D-56, Lititz, PA 17543.

Responsible couple looking to rent small farmette 3 to 8 acres, would prefer northwest Lancaster Co. area, wife commutes to Harrisburg, husband to New Holland, looking to rent for 2 years, must have by beginning of August, 717-354-7875.

"Father and Son team seeking employment of operating any type of live-on farming. Experienced in all operations. Call 717-684-0783."

Dependable, conscientous couple with 3 children desire employment on crop and livestock farm, 15 years managerial experience in cropping, swine and cattle operation, references furnished.
Send replies to:
Lancaster Farming
PO Box 366, D-61
Lititz, PA 17543

Dependable married couple with 1 child looking for long term employment on a modern dairy or swine operation as herdsperson. No field work. Have some experience. We are looking for an employer who is willing to teach for full responsibility of the herd in the future.
Send reply to PO Box 366 D-55, c/o Lancaster Farming, Lititz, PA 17543.

SITUATIONS WANTED

Mature, married man would like position milking in southern PA or Maryland. 301-521-5495.

SITUATIONS WANTED

Father and son, both married, would like to operate a dairy. Lease, salary or shares. 301-521-5495.

BUSINESS OPPORTUNITIES

HOOF TRIMMING TABLE

All Tools

EVERYTHING

you need to start business, even account numbers, new hyd. pump

$3000

914-856-5744

BUSINESS OPPORTUNITIES

For Sale - with building lot Hydroponic Greenhouse, must sell, best offer. Call 717-933-8360.

AUTOMOBILES

78 Chev. Impala, black, 4-dr., PS/PB, AC, 60,000 miles, $3795. 717-272-6063. 717-272-6772.

'77 Vega Station Wagon, AM-FM radio, automatic transmission, 717-665-5873.

'76 Vega Station Wagon, automatic transmission, 717-665-5873.

'72 VW Beetle. 717-665-5873.

'80 Chevette, 4 speed, air conditioning, 717-665-5873.

'74 Renault 15, 5 speed, AM-FM, 717-665-5873.

RECREATIONAL VEHICLES

17' fiberglass tri-hull boat, 100 HP Mercury motor fish and depth finders, skies, jackets, trailer, good condition, $4200. Lebanon Co. Lester Hess 717-273-6018.

1975 Airstream 31' international land yacht A-1 condition. Call after 6 P.M. 215-869-9012 $11,500. Chester County.

COMPUTERS

Pick Out Your Software First. Farm Software Services, Bernville, PA 215-926-3167.

Need Help Programming Your Farm Computer? College student would like to program or teach you to program your microcomputer. 717-626-6062.

Wanted: Distributors for Apple Computers & Farmplan Software, minimum investment, full training & support, excellent return, nationwide company. Contact: AC&CS, Box 2008, Syracuse, NY 13200. 315-475-1084.

PETS

The winner of the $25 prize for the person who came the farthest distance on July 26 was James Sensing, RD 2, New Oxford, PA 17350

I need 175 pups for Tues., August 2.

If anybody would like to contact me regarding the price of pups, phone 609-452-8903 early mornings for best results, keep trying.

Attention Farmers - If you have good dogs to sell, contact me at 609-452-8903 early mornings. Let me know when they are 2 wks. old so I can take orders for them on the Greater New York market, thereby assuring you a better price when they are ready for market.

Attention Farmers: To avoid fines, be sure you sell pups to a licensed dealer

JO JO THE DOG MAN

I need nice Shepherd, Collie & Terrier pups. Also - cute Peek-A-Poos, Cock-A-Poos and anything cute & shaggy.

I need good healthy, clean pups, pure & mixed breeds, to 8 weeks old. Offering extra high cash prices. Baskets of cash waiting for you! Paying up to $75 for extra cute mixed breeds.

See Me At

Root's Farmer's Market

RD 1 Manheim — Every Tuesday 5 PM - 8 PM

P.S. Please do not call Root's.

MISCELLANEOUS

For Sale - Slabwood one ton bundles hardwood $12.00. Delivery extra. 717-345-6175.

PETS

Wanted: Puppies, all breeds. Jack's Dog Farm, Rt. 611 Pipersville, PA 18947. 215-766-8802

Wanted - puppies for pets. AKC, purebred and mixed litters. Will pick up locally. 717-442-4259.

Dwarf rabbits assorted colors, $7, cages also available, Dennis Miller, RD 1, Box 220 Quarryville, PA 17566, 717-284-3243.

AKC Collie puppies, Championship bloodlines, sable and white, 6 weeks old, ready to go. Lancaster Co. 717-687-6802.

For Sale - AKC min. poodle pups, black and silver, 6 weeks, $125, Jacob King, RD 2, Box 24, Strasburg, PA 17579.

AKC reg. Doberman pups, wormed and tails docked, born June six red and rust. 215-267-6636.

Catahoula Leopard stock dogs, great dogs for family watch dogs, dairy and hog farms, natural heelers, all ages available, guaranteed satisfaction or money back Thorpe Farms, Newtown, PA, 215-862-2650.

For Sale - AKC Registered English Springer Spaniel puppies, liver and white, good family pet or hunting dog. North'ld cty. 717-742-3739.

AKC Australian cattle dogs Blue Heeler pups. Excellent stock dog and watch dog. John G. Stoltzfus, RD#1 Box 220A, Christiana, Pa. 17509 Ridge Road 1 mile east of Kirkwood.

AKC Labrador Retriever puppies, Chocolate or Black, top quality. Also, stud service, Chocolate or Yellow. Cumberland Co. 717-776-6505, 776-5973.

For Sale - Border Collie pups, 717-529-2396.

Miniature poodles, one chocolate male, one white female (bred 6-18), one mini-toy white female. All AKC and proven, $300 for all. 215-459-1244.

MISCELLANEOUS

FOR SALE - New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture. Open 7:30 to 4:30; Saturday, 7:30 to 12:00; evenings by apointment. Myer's Washer-Dryer, Rt. 772, between Brownstown and Leola. 717-656-7169

220 HP Cummins Diesel power unit, large water pump, can be used as snow maker or irrigation, 50HP electric motor, make offer, 215-385-3884.

We buy and sell new and used cardboard boxes, steel fiber and plastic drums or wooden barrels, Reliable Recyclers, 114 S. Maple Avenue, Leola, PA. 717-656-4211.

For Sale - 7300 watt portable generator, used one time, make offer, 215-670-2395.

All-metal platform scale, like new, $175. Beehive supers with drawn combs. Excellent $15 each, 215-363-5956 after 5:30 PM.

Steel pallet racks, 9' high, will take standard pallet, $40 per section. 717-652-1957 Harrisburg, PA.

3000 tobacco lathes, $10 a hundred. 717-354-0402.

Wanted - Sawmill logs delivered - butternut, hemlock, locust, maple, pine, sassafras, walnut. Custom sawing, firewood, sawdust also available. (717) 927-9091.

For Sale - used oak church benches, 26 are 13', 6 are 7', asking $1500, will negotiate 717-776-5826.

For Sale - One greenbroke mare, English style, $700; one Registered Morgan, yearling, $1500. Acorn barn cleaner, six blades, 80' cable, in and out action, $1800. AC G tractor, wide front end, 16" plow, cultivator, 4' mower bar, just overhauled and new battery, $3000. 5 farrowing crates, one like new, one good one, 3 need work on, $300. 717-864-3958.

One hive or 50, some with honey crop. Call 301-838-7648.

Saw mill and radial arm saws heavy duty self-feed table saw, multiple drill press and other wood working tools, 717-292-2342.

10" table saws, new shipment, damaged carton, $295, Wilke Machinery, Exit 11 I-83 York, PA 717-846-2800.

For Sale - Hobart 200 amp. DC portable welder with AC 4 cyl. motor. 717-272-1693.

Anthracite Coal, clean burning, all sizes delivered, for information call 717-875-3972.

Firewood for sale - $40 per cord, cut 8' to 10' lengths or already cut 18" to 20", call for prices, 717-944-5295 after 5 p.m.

20' Hussman open meat case made up of one 12' and one 8' unit complete with one Copplin model KK100C 1 HP med. temp. condensing unit connected to 12' unit and one Copplin ½ HP model KG 751 med. temp. condensing unit connected to 8' unit. Both units are single ph. 230V remote units. $1200 complete.

1 Copplin ½ HP sing. ph. 230 V sealed condensing unit, $150

1 Toledo Pre-Pak scale, good condition, $75

1 Anker Mech cash register, good condition, $50

1 Grindmaster coffee grinder (antique), $25

717-534-1429

NOTICE:

Truck & Trailer classified advertisements are located in Section B with Real Estate and Mailbox Market advertising.

Deadline for Trucks and Trailers and Real Estate, Wednesday 5 P.M.
Mailbox Market Deadline, Tuesday 5 P.M.

MISCELLANEOUS

2" new boiler flue pipe, exc. for gates or fencing. 717-872-9152 days, 872-2579 eves. and weekends.

We Pay Top Prices For Standing Hardwood Saw Timber

Weaver Bros. Sawmill

Beaver Springs, PA

717-658-3447

collect after 5 PM

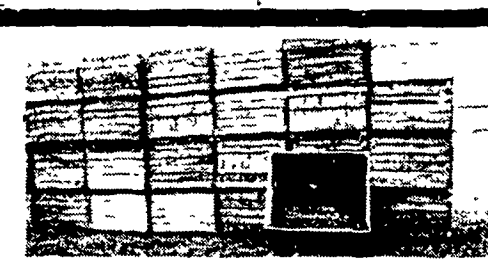
ANTIQUES

Wanted - Old Corner Cupboards.
Paying up to $3500
Old desks up to $2500
Old high chest of drawers up to $3000
Buying dry sinks, wall cupboards, oak and walnut furniture.
Anything old - lamps, quilts, dishes, copper kettles.
Also buying old doors, flooring, locks, silver coins, gold coins.
If you have anything, give us a call

Fisher's

1-215-286-6618
or 1-215-488-1714
Anytime - Let's Talk

MISCELLANEOUS



FOR SALE

Bins - Apples, Potatoes, Melons, Cabbage, etc. Cuts down handling, used, extra good shape, 54"x47"x25".

All oak. Can deliver - $10.00 each

215-926-1231

MISCELLANEOUS

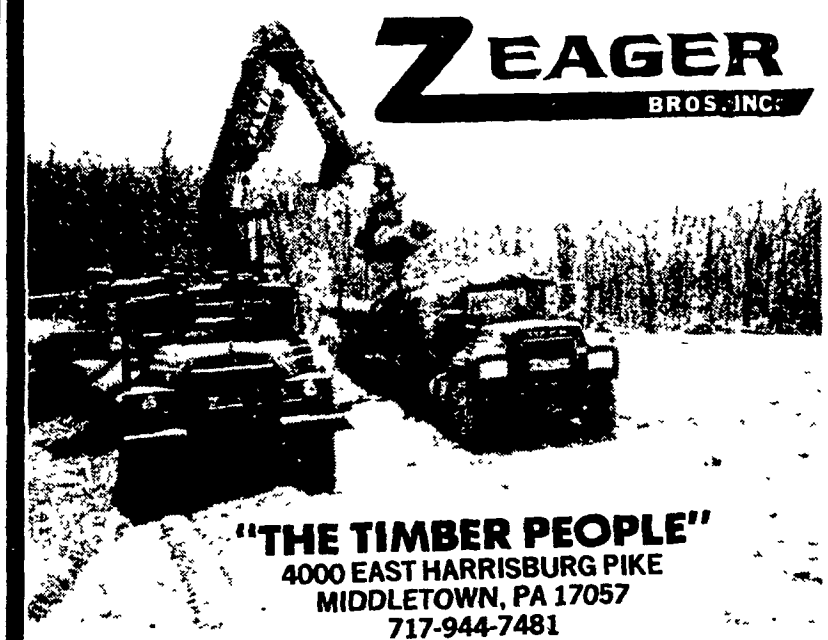
BUTCHER KETTLES

25" wide 15" deep $119.50
Use for in or outdoor cooking.
Cast iron fire doors
16" wide 12" high $49.86
Also use for barbecue pits.
We stock and deliver free in zone 1 & 2.
Zone 3 or 15 mi. $9.
Zone 4 or 20 mi. $12. 30 mi. $15.
or any six items delivered free or pick-up here.
We install including all material for $476, minus chimney.
We go anywhere. (open) Home Eve.

JACOB E. FISHER
Georgetown R3 Box 106
Quarryville, Pa. 17566
717-786-1920 6-6:15 P.M. only

WE'RE LOOKING FOR TRACTS OF GOOD QUALITY TIMBER

ZEAGER BROS., INC.



"THE TIMBER PEOPLE"
4000 EAST HARRISBURG PIKE
MIDDLETOWN, PA 17057
717-944-7481

SEE US FOR: HARDWOOD LUMBER
WHITE PINE LUMBER
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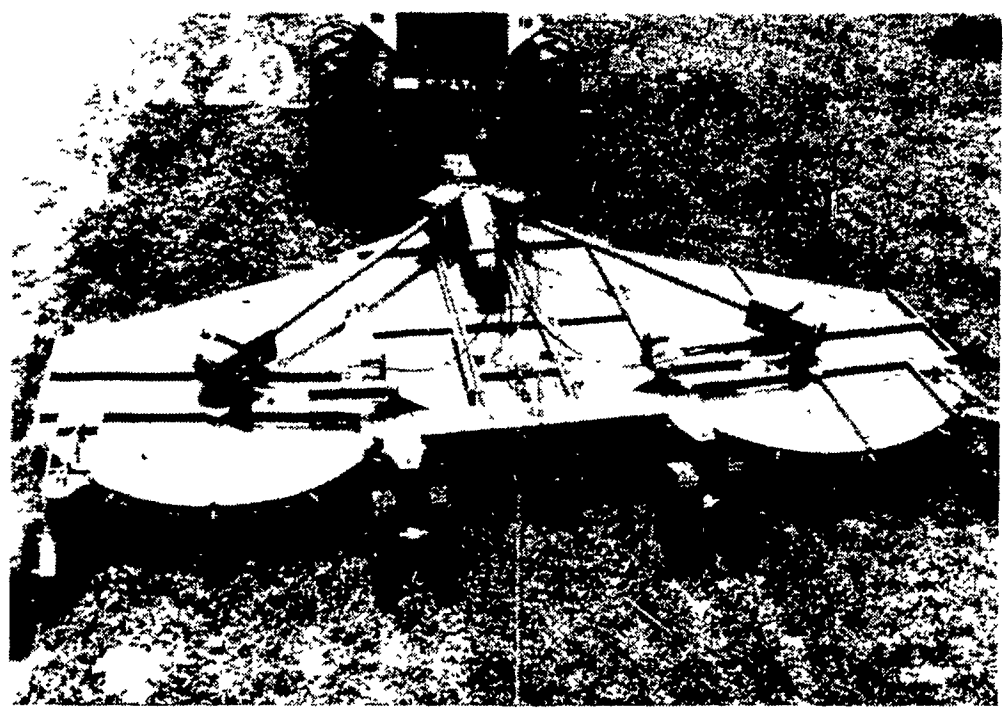
BIG FARM POWER AND EQUIPMENT

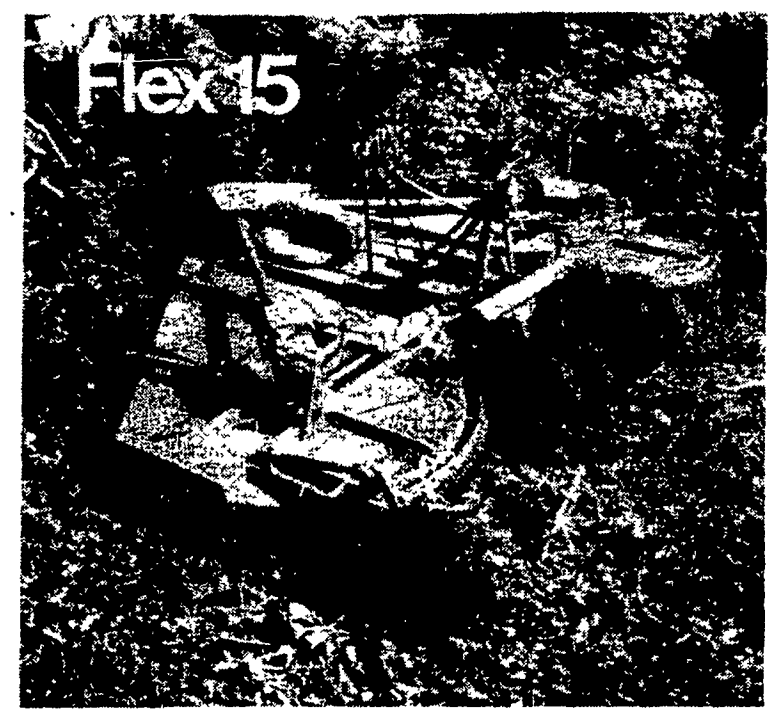
RHINO by Servis

FLEX WING CUTTERS

The Tough Cutters for Tough Customers...



Flex 20: For big acre mowing and shredding, the Rhino Flex 20 has the size and features to earn its keep. Our exclusive Equal Angle Driveline (patent applied for) allows shorter turns and the four heavy duty Rhino built gearboxes carry a two year warranty.



Flex 15: For tough, high-production cutting jobs where strength and durability are key, the Rhino Flex 15 is in a class by itself. The entire drivetrain, featuring four heavy duty Rhino build gearboxes, carries a two year warranty.

Rhino's exclusive Equal Angle Driveline allows shorter turns and the four heavy duty Rhino-built gearboxes carry a two-year warranty.

DON'T BUY A BIG CUTTER UNTIL YOU'VE CHECKED OUT THE RHINO TOUGH CUTTERS AT HOOBER'S

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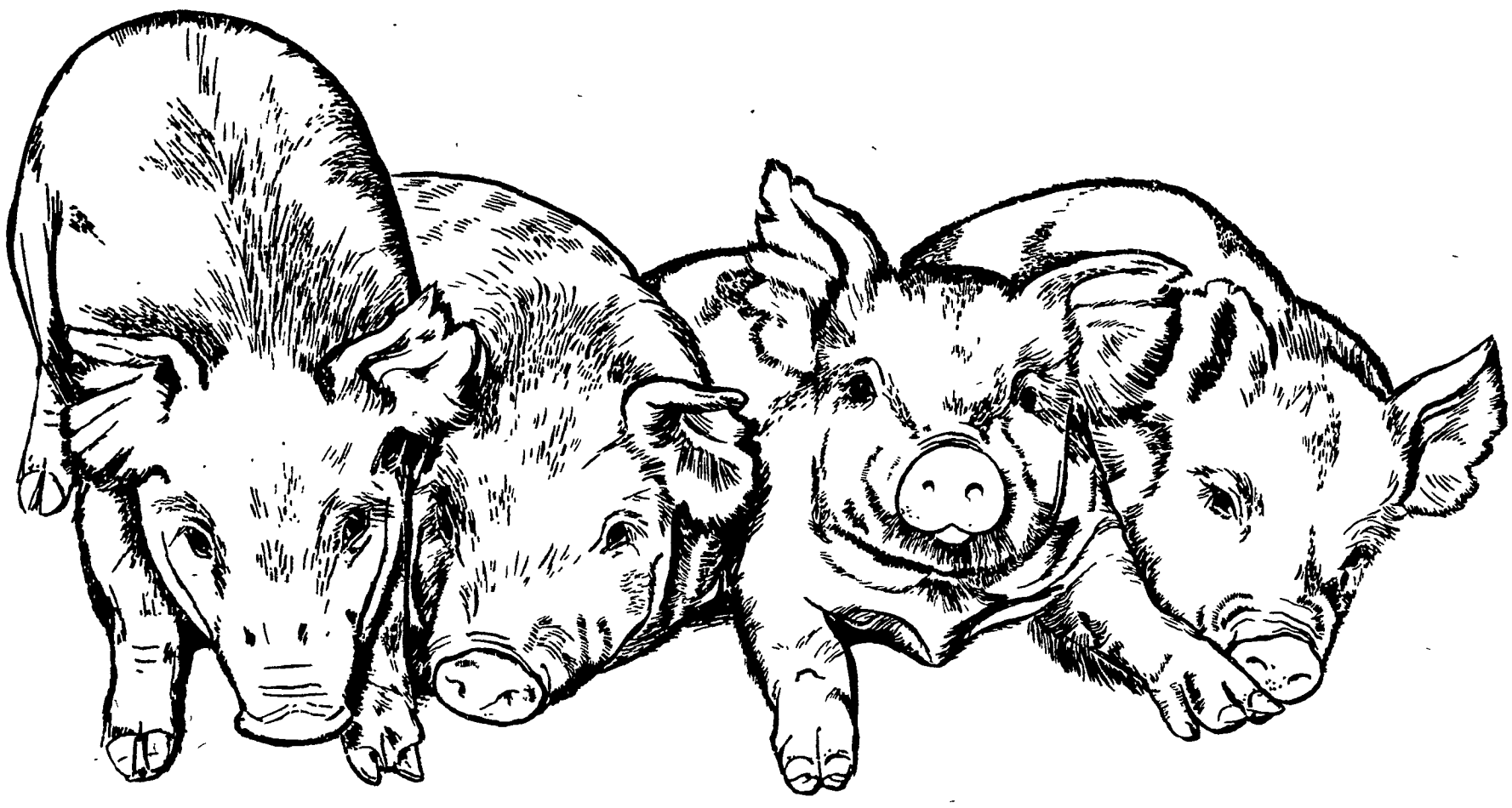
Premawean™
EARLY WEANING RATION



To Overcome The Stress Of Weaning

New Premawean from Master Mix contains a unique combination of modified proteins, energized fats, and controlled fiber to increase feed efficiency and rate of gain.

LOOK AT THESE RESULTS AFTER FEEDING PREMAWEAN FOR 13 DAYS

	Premawean
Avg. Starting Wt.	14.85
Avg. Finishing Wt.	26.85
ADG.	.92
Feed Conversion	1.28
Total Gain	12.00

IF YOU WANT TO KEEP HOGS MOVING THROUGH YOUR FACILTY AS FAST AS POSSIBLE, GET MASTER MIX PREMAWEAN EARLY WEANING RATION

Premawean
For the Performance Minded Producer

Master Mix

Let's Talk About This Exciting New Product

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DELMARVA FARMS
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DELMARVA MILLS
Pocomoke City, MD 21851
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SERVICE FEED & SUPPLY CO.
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(717) 456-7433

LEROY M. SENSENIG INC.
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(717) 733-8668

ROSS H. ROHRER & SONS, INC.
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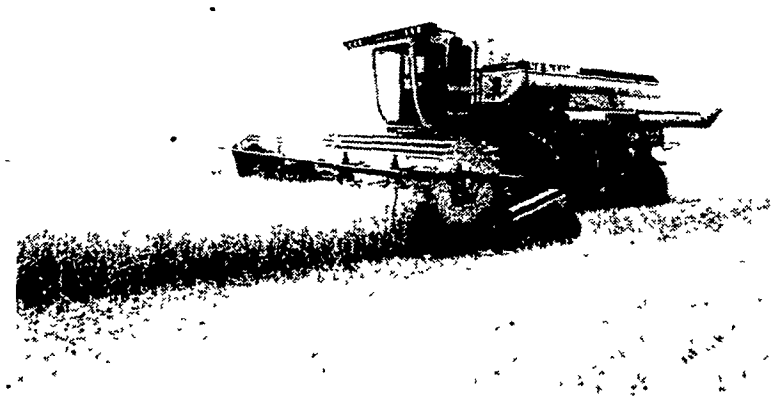
BUSINESS NEWS...



The new N6 KS-LTD rotary Gleaner combine is being offered by Allis-Chalmers under a new rotary combine ordering program. By direct ordering through the dealer to the factory, the program reduces dealer carrying and inventory costs, resulting in a lower list price to the purchaser.

AC cites new combine order plan

INDEPENDENCE, Mo. — Allis-Chalmers Corporation has announced a new rotary combine ordering program to cut dealer carrying costs, saving farmers up to 8 percent or $8,000 on the retail price.

The "L.T.D. program is the only one of its kind among major combine manufacturers, says Tom Stadtmueller, marketing manager for Allis-Chalmers Combine Division. here's how the new program works:

Instead of buying a combine from dealer inventory, the farmer orders his N6 L.T.D. combine through his Allis-Chalmers dealership. The combine is scheduled to the customer order, at the company's manufacturing facility in Independence, Missouri. As with conventional ordering procedures, the combine is shipped on customer schedule to the local dealership, where it is serviced prior to delivery to the customer.

"This new ordering system eliminates field inventory interest charges," says Stadtmueller. "We can then pass these savings on to the farmer with a reduced retail price."

The model available through the program is the N6 KS-L.T.D. rotary Gleaner combine, with a suggested price of $99,763.

"The L.T.D. program gives a farmer the opportunity to buy a high capacity, rotary combine for the same or less price than a competitive conventional combine of the same class," points out Stadtmueller. "He also gets the additional performance benefits of a rotary harvesting system."

"L.T.D. stands for 'lean, tough and dependable' and refers to the combine model being offered," the marketing manager says. To streamline production, many features have been made standard on the N6 KS-L.T.D. Gleaner combine. These include air conditioner and heater, deluxe seat, and a hydraulic feed reverser.

"At the same time, some accessories have been deleted from the combine, so the farmer doesn't have to pay for features he does not specifically desire," says Stadtmueller.

"The combination of standardized equipment and factory direct ordering will reduce costs," says Stadtmueller. "To accomplish this, farmers and dealers will need to work closely together to plan and schedule orders well ahead of the delivery date. Farmers who anticipate their needs and order using the LTD program will be rewarded."

Hoover attends conference

AKRON — Eugene G. Hoover, of Akron, recently returned from the DeKalb-Pfizer Genetics National Sales Conference held July 10-13 at Cable, Wisc. More than 150 members of the company's sales force attended the meeting, which reviewed the company's new sales and marketing programs for the upcoming year.

Hoover has been a District Sales Manager, for the seed company and its predecessor companies for 11 years.

The meeting marked the first anniversary of DeKalb-Pfizer Genetics. The company was formed on July 15, 1982, when DeKalb AgResearch, DeKalb, Ill., and Pfizer Inc., New York, entered a joint venture that combined the company's seed operations.

In his remarks to the group, President John McCarter describes the current climate for the company as one of optimism.

"It's a time of promise because we have integrated two excellent research programs into a single effort, the sales organization is unmatched in coverage, professionalism and potential. The product line offers excellent performance and sales growth potential. And our operating costs are under control," says McCarter.

DeKalb-Pfizer Genetics is the largest seed research and marketing organization in the world, marketing hybrid corn, sorghum, sunflower and varietal soybean and alfalfa seed in more than 40 countries.

Fox Brady adds round balers

APPLETON, Wisc. — Fox Brady Division of Piper Industries, Inc., has added big capacity round balers to its line of farm machinery.

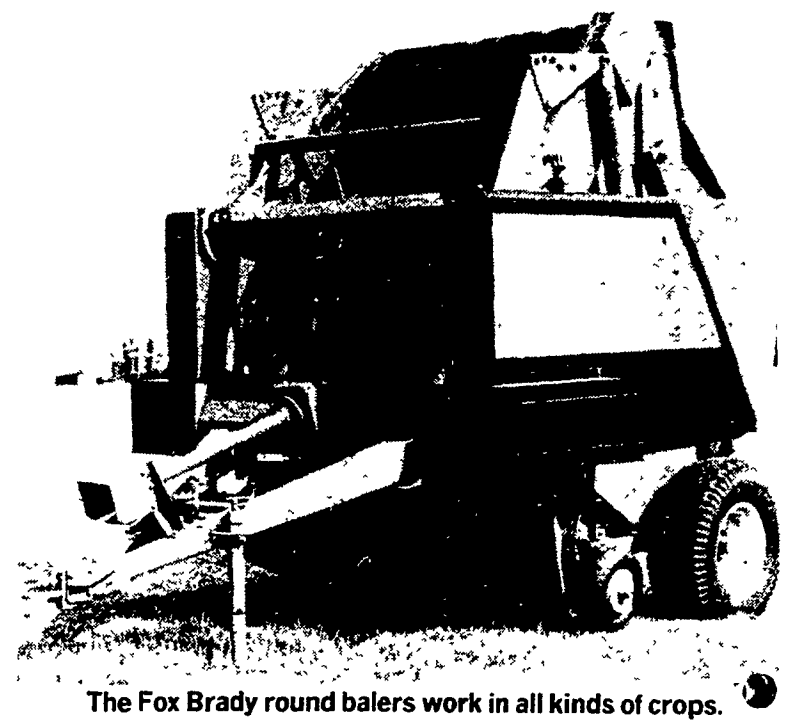
Comments Don Campbell, Fox Brady Director of Marketing, "Our new balers are a natural complement to our existing line and offer the farmer the latest in baling techniques — equipment that is as versatile, safe and reliable as modern technology can make it."

The Models 9047 and 9060 Round Balers are designed and engineered to produce compact, well-shaped bales with practically any type of crop including green forage; dry hay; normal, dry or broken straw; hemp and flax. According to Campbell, perfect bale formation is the result of integrated engineering from initial pick-up through baling in a variable volume chamber (the Models 9047 and 9060 Balers have the capacity to make bales with diameters ranging from 2 ft. to 6 ft.) and electric binding to final discharge through the rear gate.

Among the exclusive features found on the new balers is a large-diameter drum type pick-up that immediately begins the process of bale core formation...a unique adjustable density feature so that the unit can be easily adapted for each type of crop...a patented electric binding system that controls bale tying from a control box in the driver's cab...a hydraulically controlled rear gate that ejects the bale down discharge ramps eliminating all prepatory operations.

In keeping with Fox Brady's "safety first" tradition, Models 9047 and 9060 are provided with all the safeguards required for safe operation. Shields and guards protect the operator. Other safety devices include safety clutches on the gear box inlet and pick-up, hydraulic pressure relief valve to close the gate and locks on both sides of the gate.

The new models 9047 and 9060 Round Balers are the latest additions to a comprehensive line of productive Fox Brady farm machinery that includes forage harvesters, field cultivators, chisel plows, shredders, choppers and material handling equipment.



The Fox Brady round balers work in all kinds of crops.

Sire Power studs top +$200

TUNKHANNOCK — The July 1983 USDA Sire Summaries show an outstanding battery of sires in the Sire Power Holstein line-up. The results indicate that Sire Power's stud average is now over +$200 Profitability on 30 proven bulls.

The 30 proven Holstein sires have average Predicted Difference figures of +1666m - .06% - .51f +$202 with 76% Repeatability. The 29 sires with an HFA Type Summary have a Predicted Difference for Type of +.80 with a 74% Repeatability.

In the Holsteins, 9H584 CHAIRMAN continues to be one of the most exciting bulls in A.I. CHAIRMAN increased his PDM to +2527 and has a HFA Type Summary of +1.77 with repeatability on his production and type summaries at 81% and 82% respectively. This new information gives him a TPI of +737 which makes him one of the highest in the Holstein Breed.

Sire Power now has seven bulls over +2000 P.D. Milk, eleven bulls Plus on Test, and fourteen over +1.00 for P.D. Type. The Sire Power Holstein line-up offers dairymen top production with en emphasis on high test and functional type.

Two additional bulls highlighting the Holstein line-up are 9H599 SPIRIT and 9H587 LONE RANGER. Both increased to +.11% on test with SPIRIT being over +1600 PDM and LONE RANGER over +1400 PDM, and both +1.00 on Type.

Sire Power added five new bulls to the proven line-up of which four are graduates of the Young GOLD Sire Program. 9H657 LAN graduated with +2100 PDM and is plus on type. LAN is a Conductor son out of an EX (93) 2E Elevation. A new outstanding test bull, 9H658 STARLITE, has +.14% on test and +1145 PDM.

Sire Power also added their first Wayne son to the program. 9H794 Coldsprings IRA is proven 99% Mule-Foot free and has a Predicted Difference figure of +1393m +.02% +54f +$187 with 54% Repeatability. This combined with his PD Type of +$1.32, will make him a popular new sire. His dam is an Excellent, Penstate Ivanhoe Star daughter. The bull was breeder proven by Marlin Hoff, New Windsor, MD.

In the Ayrshire breed, 9A32 GALLANT MAN continues to be a breed leader with Predicted Difference figures of +1398m - .04% +50f +$181 with 90% Repeatability.

A new Jersey added to the line-up has the highest PD Milk proof ever. 21J337 YANKEE, who is owned jointly with Midwest Breeders, has Predicted Difference figures of +2371m -.47% +67f +$276 with 36% Repeatability and is +0.9 on PD Type.

For the Brown Swiss breeder, 9B62 JUBILATION increased his PDM to +1561 which was a gain of 188 pounds from January. This combined with his outstanding PD Type of +1.6 will certainly add to any Brown Swiss breeder's program.

Haybuster announces drills

JAMESTOWN, N.D. — Haybuster Manufacturing, of Jamestown, N.D. announces the introduction of their all-new 8000 Series Fertilizer Banding Hoe Drill.

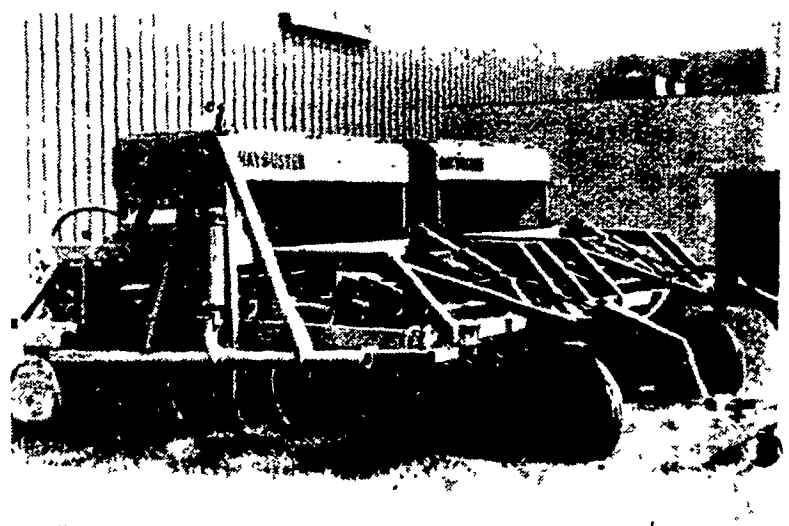
The Haybuster 8000 Series Drills are available in either 8" or 12" spacing and are available to seed up to 32'. The specially-designed automatic reset shank with replaceable hardened alloy furrow opener places the fertilizer directly below the seed in a concentrated band, being readily available to the plant as the root system develops. The seed and fertilizer are separated by approximately 1" of soil.

Research has shown that fertilizer banding provides better utilization of applied plant nutrients. The Haybuster 8000 Series Drills also work the soil directly below the seed resulting in an excellent environment for the seed and its developing root system. If desired, the fertilizer and seed can be placed together.

The excellent residue clearance provided by the long, narrow shank and the optional 18" coulters gives the Haybuster 8000 Series Drill the ability to seed in minimum or no-till conditions.

A large two-compartment hopper is standard equipment and the infinitely-adjustable seed metering system accurately meters any speed. An optional transport system and transport tow hitch are available for easy movement from field to field.

Contact Haybuster Manufacturing Inc., PO Box 1950, Jamestown ND 58401, for more details.

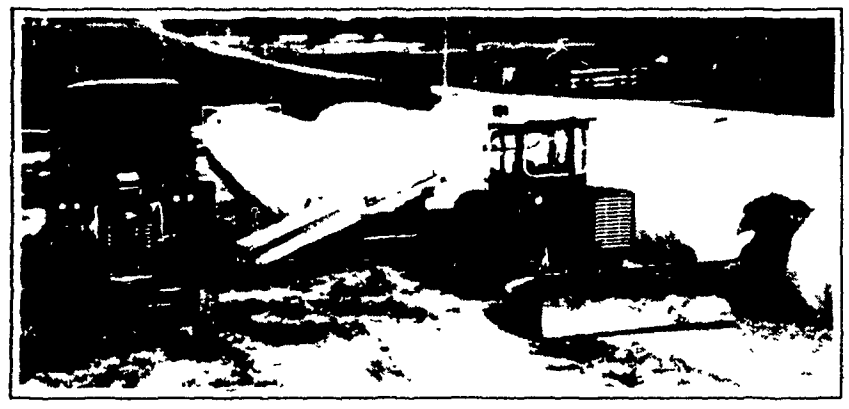


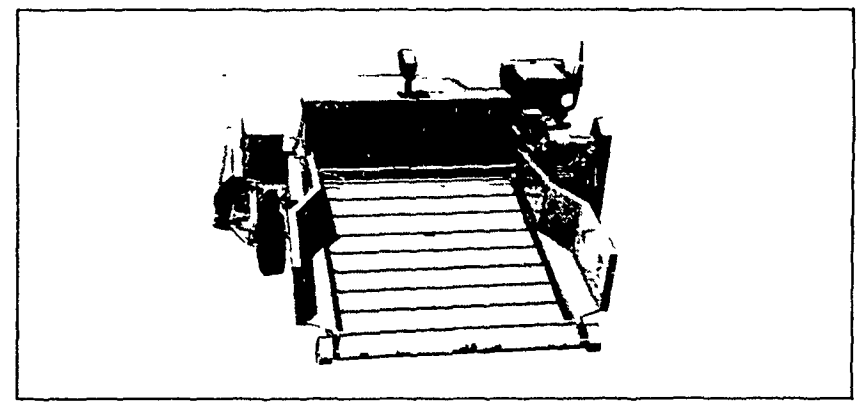
The Haybuster 8000 Series Fertilizer Banding Hoe Drill places fertilizer directly below seed.

MORE FOR LESS.

The Storage System for the future. Here Now!

THE AG-BAG SYSTEM





MORE FEED. MORE STORAGE. MORE HIGH QUALITY TDN & PROTEIN.

Select from three models of AG-BAG Machines. Motorized, Hydraulic, and Gear-Driven. AG-BAG lets you match the machine to *your* job. Big or small. Whether you're DAIRY or BEEF AG-BAG will store More For Less. The AG-BAG System. Air-tight storage with more versatility than any other system. Just look at these AG-BAG ADVANTAGES:

1. UNLIMITED oxygen-limiting storage
2. Storage for ALL forages & grain
3. Transportable
4. Easy to use and little maintenance
5. NO dangerous silo gases
6. Silo fires WON'T occur
7. Higher moisture forage
8. NO unloader to break down
9. Extra income and potential from custom bagging
10. THE Forage System for the 80's

JUST LISTEN TO WHAT THESE AG-BAG BELIEVERS HAVE TO SAY:

Kenneth Popham of Floresville, Texas

Kenneth runs a 465 cow Dairy and said this about AG-BAG "At today's interest rates you can't afford any other type of storage... Even with the yearly cost of bags it's still inexpensive storage... a whole lot cheaper than building barns and hiring help. I put up 13 bags last year and after seeing the results, I'll put up 25 bags this year. The bags are a good thing"

Don Carter of Parkdale, Oregon

"The best move I ever made"... says Don Carter in reference to his switch to bagging silage on his dairy near Parkdale, Oregon.

"I get 18% more feed from the same acreage and the feed lasts three times as long. I used to clean my bunks after three days, now I only need to clean them after 10 days."

Roland Rasmussen of Blair, Nebraska

"In addition to everything else, it's a management tool" says rancher, Roland Rasmussen of Blair, Nebraska

Roland farms 350 acres west of Blair, Nebraska, and fattens about 650 cattle from 600 lbs. to finish

"By labeling every bag as to date and kind of feed, I can mix my feeds and eliminate the guess work in making a ration I feed alfalfa silage, corn silage and ground ear corn stored exclusively in the bags, purchasing only my minerals and vitamin supplements."

"The AG-BAG system has enabled me to increase carrying capacity per acre at a reduced cost of gain."

Bert Anderson of Sceptre, Saskatchewan

"At least 30% more feed... I can guarantee at least that"... says rancher, Bert Anderson, of Sceptre, Saskatchewan.

"I've been able to cut my grain feeding costs in half since converting to the bagging. It's just like feeding grass. I've also eliminated the need for a liquid supplement that we always fed before going to the AG-BAG System..."

HERE'S WHAT THE AG-BAG SYSTEM CAN DO FOR YOU	
1 BAG	150 TONS
6 BAGS	900 TONS
12 BAGS	1,800 TONS
24 BAGS	3,600 TONS
48 BAGS	7,200 TONS
96 BAGS	14,400 TONS

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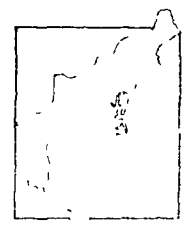
AG-BAG
Use the coupon or CALL COLLECT 1-301-472-2855



I WANT MORE INFORMATION ON THE AG-BAG SYSTEM

EastCoast AG-BAG Inc.
P.O. Box 22
Butler, Maryland 21023

Name _____

Address _____

City _____ State _____ Zip _____

Phone # _____

☐ Custom Work ☐ Dairy ☐ Beef

Round bale feeders cited

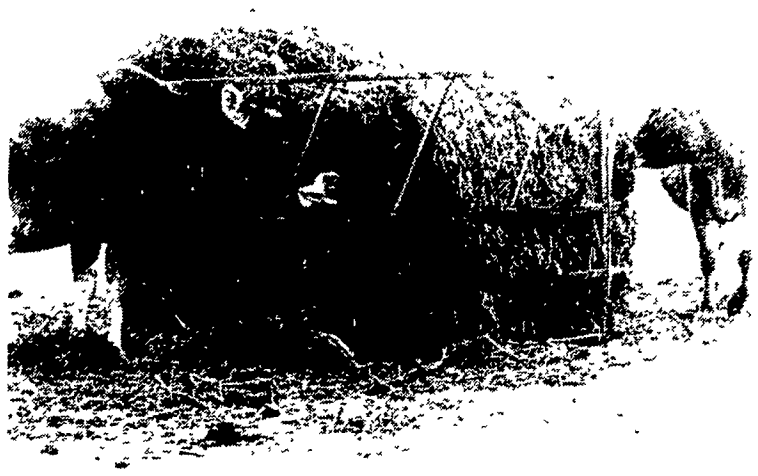
LITCHFIELD, Il. — New round bale feeders from Worksaver, Inc., Litchfield, Ill., help save on feed costs by reducing hay waste. The 7' 9" diameter feeders hold either 1500 or 3000 lb. bales easily.

Because cattle can't trample partially consumed bales protected by Worksaver feeders, farmers can save up to one quarter on their feed costs. In addition, the round design gives cattle greater access to hay. Individual feeding stations assure a place for each animal.

One person can assemble the three-section feeder in minutes, using only six bolts. The easy maneuverability of Worksaver's round bale feeders permits selection of the best feeding site and makes manure distribution automatic.

Worksaver offers feeders with either vertical bars or slant bars, which help minimize hay waste by slowing head withdrawal. Slant bar models also prevent aggressive animals from crowding and wasting feed. These models are available with an open or closed bottom (hay saver skirt). All models come in a choice of either 1" or 1 1/4" square tubing construction.

For more information about Worksaver's new baled hay feeders or complete line of baled hay handling equipment, contact Worksaver, Inc., P.O. Box 1000, Litchfield, Illinois 62056.



Cattle can't trample partically consumed hay bales with Worksaver round bale feeders.

Electrolyte balance needed

MINNEAPOLIS, Mn. - Electrolyte balance should be taken into consideration when formulating rations for chickens, a leading animal scientist reported here recently.

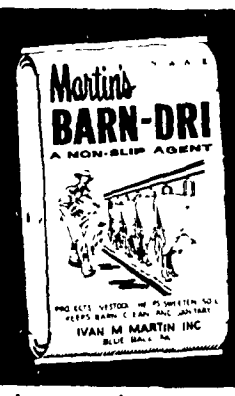
Speaking at the Buffers, Neutralizers and Electrolytes Symposium sponsored by the National Feed Ingredients Association (NFIA) Richard Austic of Cornell University said that the proper balance of sodium, potassium and chloride in the diet can improve growth rate and egg shell quality.

Studies cited by Austic indicate that the optimum electrolyte balance (Na + K - Cl) for chickens is 200 to 250 milliequivalents per kg of diet. Most practical rations contain Na + K - Cl values of 140 to 180, so supplementation is necessary to increase the cation content.

"Increasing the value to 200 can be achieved by adding sodium bicarbonate or potassium bicarbonate," Austic said. "Reducing sodium chloride, and at the same time adding sodium bicarbonate, is another practical approach that may increase the Na + K - Cl value. However, this approach is limited, as at least some sodium chloride is needed to satisfy the minimum requirement for chloride."

Austic noted that these diets will increase water consumption, causing problems under some management conditions due to increased litter soil.

Protects livestock



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- Sheep Stables
- Dog and Cat Kennels
- Chicken Houses
- Other damp areas

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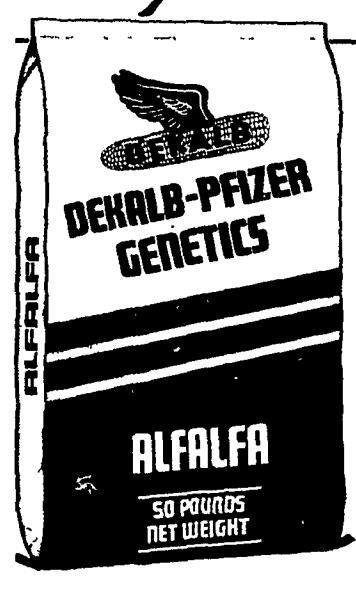

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- Excellent Phytophthora root rot resistance.
- Fine stemmed and leafy for better feed.
- Long-term stand for higher returns.

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- Establish this year for high yields next year.
- Exceptional yielding crop.
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Time to market leaner, lighter hogs

NEW HOLLAND — The market tells you about it. Suddenly in mid 1983, there's more pork than anyone expected. Thanks to PIK, there's higher grain prices, too. It's a 2-way squeeze for pork producers. Tighter management is a must if you're going to survive now-a-days, says Bob Wright of Sperry New Holland. There are ways to get the job done, though, he adds.

When pork is in excess supply, you can't afford to let hogs get a bit heavier than you must to avoid packer discounting for lightweights. In a down market, feeder pigs are cheaper, too. Whether you grow your own or buy pigs, there's a little less pressure to market the maximum weight hog if the pigs are entered into your ledger at a lower cost. Moving the hogs to market lighter saves you grain. You can expect a slightly leaner carcass at a lighter weight. And since that lean meat requires less feed per pound of grain than fat, that's the source of improved feed conversion efficiency. It matters when grain prices are out of hand in relation to the market value of hogs, says Wright, who is product manager for grinder-mixers at New Holland.

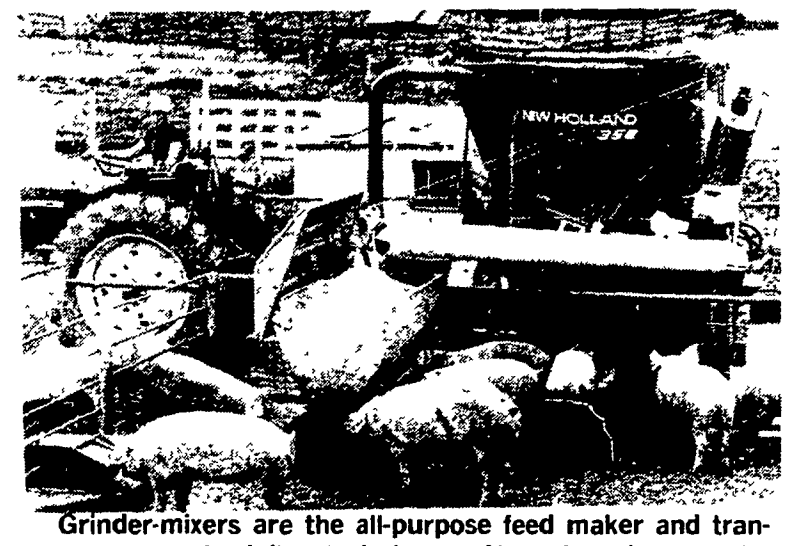
For all that matter, the current stressed hog situation could blow away by harvest time this fall, Wrights notes. The planted corn acreage is higher than predicted earlier this year. If growing conditions are favorable, and with ample moisture in the latter end of the growing season, we may have a very large grain harvest competing with the harvest season PIK grain deliveries. It could put the grain market under a lot of stress. That might make pork production very profitable, again even at a relatively low price.

Management flexibility and low cost systems are the answer to long-term hog profits, Wright stresses. Farmer producers have more advantages than may seem apparent if you take the long view, he explains.

Farmer producers who aren't heavily mortgaged for hog production buildings have an advantage of at least several cents a pound in cost of production. With today's equipment, they can match the ration control of large, fully integrated units. An electronic sale, for example, lets a portable grinder-mixer produce a fully controlled ration in terms of protein balance. Without the scale, ration balance is more of a "guesstimate." When feed costs are high, this is critical. By feeding the right amount of protein for the animal's growth stage, the producer can further tighten up on his production costs. Over or under-feeding protein is a costly waste.

The scale also gives the producer another boost that matters when margins are narrow. Because the read-out of the scale is in pounds, you have a much easier way to keep the records you need to manage effectively. It's tough to really know what your exact costs are for a pen of hogs, if you have to estimaste the amount of feed consumed. The scale tells you in a way that's easy to record.

The grinder-mixer helps hold down costs and adds management flexibility in other ways, too, says Wright. With the one unit you can get the grain from the storage anywhere on the farm, grind it, mix it with a controlled amount of supplement, and deliver it anywhere you have the animals. It's an all-position player on the livestock team that lets you make good use of old facilities you can't afford to replace.



Grinder-mixers are the all-purpose feed maker and transporter on mixed livestock farms. Now that they can be equipped with electronic scales they also make recording easier.

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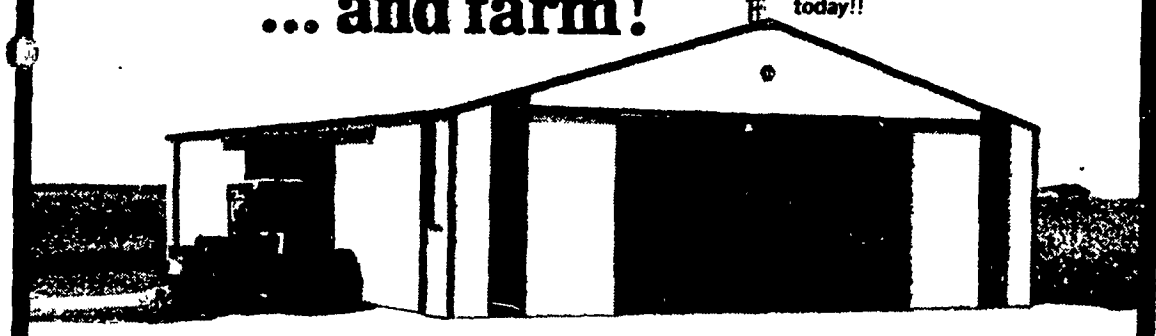

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FOR HOGS

THE PROBLEM

When the temperature goes up one of the first ways your body reacts is by breaking out in perspiration That's nature's way of cooling off

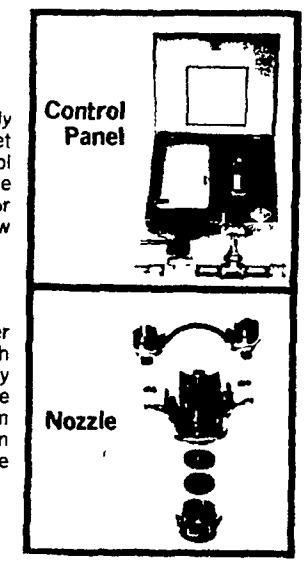
It's different with hogs High temperatures cause them a great deal of stress because they can't sweat When under this stress due to heat, hogs will lose their appetite, weight gains drop there is poor feed conversion conception rate is reduced and pens become a mess All of this adds up to lost profits

THE SOLUTION:

When the temperature is above 72° F even ventilation can't cure the stress that results But a sprinkler cooling system can help your hogs where nature fell short giving them a chance to cool off It sprays them with coarse water droplets to reduce their body temperature The idea is simple but extremely effective

THE SYSTEM:

The sprinkle cycle is turned on automatically whenever the barn temperature rises above a preset level 72° F Throughout this "on" period the control functions to permit sprinkling to occur for a preset time period each hour (2 minutes/hour is recommended for best results) When the barn temperature drops below 72° F the cycle is automatically interrupted



The nozzles are clamped to a plastic pipe strung over the gutter of slatted area at the rear of the pen Each nozzel covers a 5-6 foot diameter area which usually means one nozzle per pen The nozzle assures a coarse droplet spray pattern which is important for maximum cooling A fine mist of fog is not desirable in geographical areas of generally high summer relative humidity

THE PROOF:

	Control Hogs not sprayed	Hogs Sprayed 1 min per hr above 85°F	Hogs Sprayed 1 min per hr above 70°F	Hogs Sprayed 1 min per hr above 70°F
Average daily gain per hog	1 37	1 62	1 62	1 72
Average daily feed consumption per hog	5 84	6 77	6 72	6 67
Lbs feed per lb grain per day	4 38	4 18	4 16	3 89
Lbs feed save/hog	0	22	22	49
Days earlier to market	0	1	11	15

Research done at Ridgetown College of Agricultural Technology in Ontario and at the University of California have shown these results
These figures are calculated on hogs from 100 lbs up to 200 lbs

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Steam threshing show next weekend

FEDERALSBURG, Md. — Smoke, steam and chugging away of steam engines, tractors, gasoline engines and antique cars will be only a part of the sights and sounds at the annual Wheat Threshing, Steam and Gas Engine Show to be held Friday through next Saturday. The event, sponsored by the Eastern Shore Threshermen & Collectors Association, Inc. will be held at the association's show grounds on Route 313 between Denton and Federalsburg, Maryland.

Admission and parking are free. Plenty of good food is available.

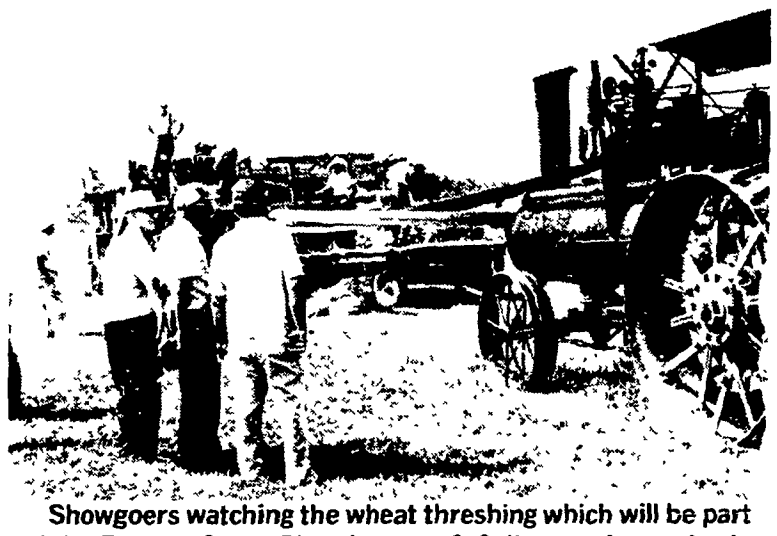
Besides the main attraction of wheat threshing, there will be demonstrations of a rock crusher, saw mill, shingle mill, straw baling, train rides on "Smokey Joe" a miniature steam train, daily parades of tractors, steam engines and cars, ferris wheel rides and broommaking, as well as a large Flea Market.

Interested persons who have antique equipment, antique cars or craftsmen interested in exhibiting are invited to attend. There is no charge to exhibit.

Also on display will be real and homemade models of antique engines. Association members will be displaying items such as antique washing machines, strawberry cup machine, water pumps and many other pieces of antique farm items.

There will be free Eastern Shore bluegrass music by well known local groups including the Sid Johnson Band and Old Time Religion.

The show, now in its 23rd year promises excitement and entertainment for the young and old alike. Thousands of people are expected for the 3-day event.



Showgoers watching the wheat threshing which will be part of the Eastern Shore Threshermen & Collectors Assoc. Inc.'s 23rd annual Steam and Gas Engine Show to be held Friday through next Sunday. The showgrounds are located on Rt. 313 between Denton and Federalsburg, Maryland.

Egg wash detergent reported

PHILADELPHIA — Pennchem Department of Pennwalt Corporation, Philadelphia, has developed "Globest", a powdered egg washing detergent that suppresses excessive foam and provides outstanding soil removal at low concentrations.

This innovative detergent has been successfully tested in Kohl and Diamond washers by large volume egg producers with documented cost savings of 60%-80% where no defoamer was used, and 40%-80% where a defoamer was used.

Globest can be used in either pressure (20psi) spray or flood and brush applications. In either Globest actually defoams itself and maintains a 1" to 2" foam head. The result is no foam-out of the tank, and elimination of the need for expensive defoamers. And since defoamers can be the highest cost in egg cleaning operations, their elimination results in significant cost savings.

Globest will remove blood, manure, and yoke at concentrations of 1/4 to 3/4 ounces per gallon (less recleans means improved productivity, less breakage and lower costs). Egg producers using Globest reported 25% to 90% less recleans after switching.

Globest is available to 100 pound cartons and 350 pounds fiber drums. During June, July, August and September the purchase of three drums or cartons will result in a fourth drum or carton at no charge!

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High energy essential for rebreeding sows

According to one swine expert, a key to getting sows rebred on time is feed.

"Specially formulated lactation rations are an important tool for a producer wanting to rebreed sows quickly," said Wes Snyder, swine specialist with Ralston Purina Company. "The key nutrient is energy. High energy content in lacatation rations is critical, not only for maintaining the health of the litter but also for maintaining sow condition."

Sows are extremely productive during lactation, potentially producing 100 pounds of milk per week to feed an average litter, explained Snyder. "That amounts to 80-82 pounds of water, 5 pounds of protein, 7 pounds of fate, 5 pounds of milk sugar, and about 1 pound of minerals," he said.

Snyder added that "producing milk is the number one priority for a lactating sow. She will break down her body reserves, using muscle for protein, take fat off her back and even break down bone tissue to supply calcium, phosphorus and other minerals to her litter," he said. "But, it is not a very efficient way to produce milk."

While milk production is the major concern of the sow, this milk producer should be the major concern of the hog producer, Snyder said. "A sow is a valuable asset, and should be provided the feed she needs to produce milk most efficiently and stay in condition. To achieve this efficiency I recommend feeding sows high energy rations during late gestation and lactation."

According to Snyder, research at the Purina Research test farm in Gray Summit, Mo., showed that sows fed a high energy ration like High Octane Lactation Chow lost an average of 10 pounds less while in the farrowing house than sows on a conventional feed.

"Another test at the University of Nebraska showed high energy rations were equally important in first litter gilts. Weight loss in a group of such gilts fed low energy rations averaged 56 pounds in the farrowing house than sows a conventional.

"Another test at the University of Nebraska showed high energy rations were equally important in first gilts. Weight loss in a group of such gilts fed low energy rations averaged 56 pounds in a four week period, while gilts on a high energy diet, lost only 6 pounds," he said.

"And the impact on rebreeding was remarkable," Snyder continued. "While 25% of the gilts with low energy intake recycled in five days, 92 percent of the gilts from the high energy group did. And only 60 percent of the low energy group recycled within a month, while equipment of the high energy group returned to heat," he said.

High energy rations, according to Snyder, provide another benefit in rebreeding. "Specifically, feeding recommendations for our High Octane Lactation Chow include instructions on how to use this feed during flushing. This is the practice where a producer boosts energy levels in a post weaning sow a few days before breeding. For first lither gilts, flushing could start up to 14 days before breeding. Flushing with high energy rations results in the ovulation of more eggs and potentially larger litters at farrowing time" he explained.

"During flushing, a hog producer should feed a gilt or sow 6-8 pounds of a high energy feed like High Octane Lactation Chow per day, except for the first day after weaning, when a sow should not be fed. Also, if a producer rebreeds sows on the second or third cycle after weaning, he should reduce this flushing period to their 7-10 days immediately breeding." Snyder added that a producer rebreeding a sow on the first heat should probably flush for 5 to 7 days.

Snyder concluded by noting that "high energy rations are the best buy for the feed dollar and are of special importance to sows. And sows are the most important and productive assets in a hog operation."

Grain plots featured at Del. field day

NEWARK, Del. — Local grain producers will find much to look at when they visit the University of Delaware's upcoming Farm and Home Field Day Wednesday, Aug. 10, from 8:30 a.m. to 8 p.m. at the Georgetown substation. There will be wagon tours of corn and soybean plots during the morning and again in the evening this year. Several in-depth presentations during the afternoon and evening should also be of special interest to growers.

Among other things, visitors will be able to observe corn and soybean variety trials, corn breeding and insect control experiments, as well as weed and disease control and crop fertility studies, says extension crops specialist Frank Webb.

One of Webb's demonstrations features the use of polyammonium phosphate (10-34-0) alone and in combination with 30% liquid nitrogen. "Many farmers are interested in increasing the nitrogen content of their starter fertilizer, and this is one way to do it, provided the fertilizer can be placed so that it doesn't damage germinating seeds," he says.

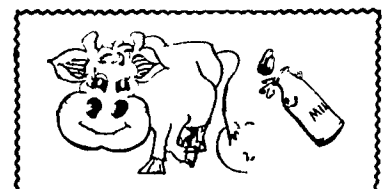
Another project which will be highlighted on Field Day involves the use of an in-row subsoiler to improve emergence and early performance of no-till corn. Webb plans to have the machine on display, and growers will have an opportunity to see how it operates as well as to observe corn planted with it.

Besides touring research and demonstration plots, visitors will be able to meet with university scientists and extension specialists at an "Ask The Specialist" booth, which will be located in a tent near the farm grove. Field Day planners hope farmers will take advantage of this opportunity to get advice on individual production problems and pick up new information. The booth will be open all day and also in the evening.

A number of special sessions should be of interest to farmers and their families. At 2 p.m. there will be several in-depth presentations including one on scouting fields for insect pests, and another on risk and market management. In the evening there will be talks on how farm families can cope with stress and on how to protect farm valuables.

Beside the usual fried chicken meal in the farm grove at noon and the midafternoon watermelon break, there will be a pork supper (Pig Pickin') from 5 to 6 p.m.

The field day program has been expanded this year to accomodate those who are unable to attend during the day. For further details, check local papers or call county extension offices in Newark (738-2506) Dover (746-4675) or Georgetown (856-5250).



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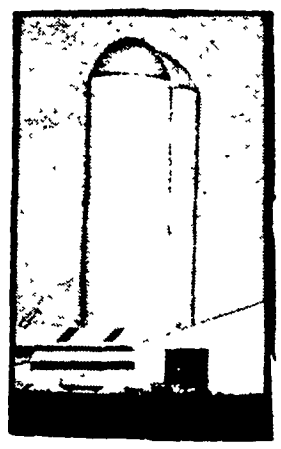

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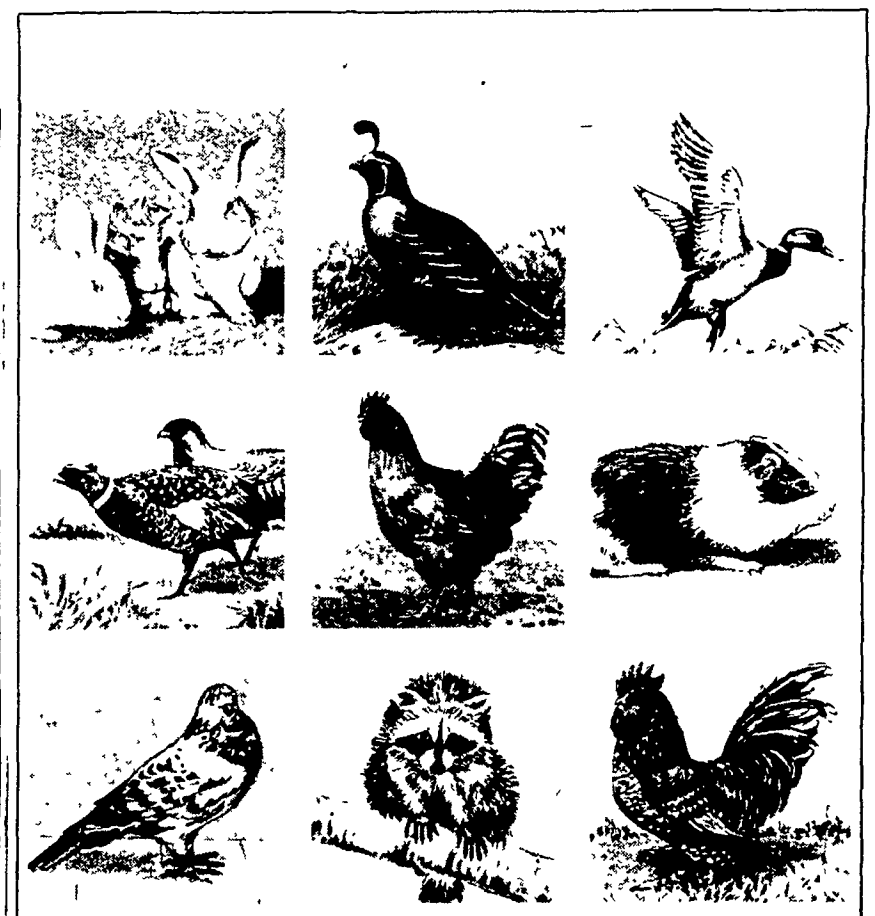

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Adams County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

June, 1983

Rolling Herd Average

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Noel & Holmes	3	60.3	89.2	20,339	756
Roy A Weaner Jr	3	58.5	87.3	17,978	711
Penn Gate Farm	3	57.1	87.9	18,519	708
Brown Valley Farm	3	75.8	88.0	19,055	707
Stoner Bros Dairy	B3	71.9	89 3	19,681	696
Kling Ayr Farms	3	34 1	87.6	19,302	696
Leroy Deputy	B3	127.2	85 8	16,905	676
Yelow-Buttercup Farm	3	123.9	88.7	17,375	675
Ray Dutterer	G3	67.6	87 4	17,766	672
Weim Sharr Farms	3	59 0	85.6	18,208	663
El Rho Farm	3	56.5	85.7	16,948	659
Milton R Hoffman	3	37 7	88.3	17,741	655
Wm Jr&Raiana Mearns	B3	87 1	85.5	16,549	640
Claude Holmes Jr	3	56 0	81.8	16,667	632
Adam F Lobaugh	3	43.6	88.2	17,055	625
M J Starner & Sons	B3	125 5	87.8	15,811	624
Lagging Stream Farm	B3	116 7	82.4	15,734	620
Eugene Witter	B3	72 2	88.9	16,222	618
Wayne H Rodgers	B3	84 6	84.9	16,040	614
Piney Lane Guernseys	B2	58 0	86.2	12,595	606
Kehr Acres	3	68.5	88.5	16,738	604
John J Hess	B3	115.9	86.8	15,914	599
George I Lauchman	B8	34.6	85.2	16,786	599
Donald Todt	B3	51.1	86.6	16,607	597
Buttonwood Farms	3	128.3	86.4	17,003	595
Robert&Linda Meyers	B3	79.4	87 1	16,167	595
Larry Holtzinger	B3	41.6	88.3	15,615	587
Grove Bros	B3	77.6	84.8	16,345	584
Knud A Hermansen	G3	98.2	86 8	16,716	581
Roger L Sprague	B3	53.9	85.2	15,179	580
Kraybill Miller	B3	43.4	85.9	15,459	579
Way Brite Farms	B3	136.1	86 8	15,516	578
Zeppdale Farms	B3	110.2	89 0	16,225	578
Rinker Bros	G3	43.7	82.7	15,320	575
Stone Manor Dairy	3	44.4	83.0	15,376	570
Richard K Herr	B3	120.0	84.2	16,087	569
Leroy Basehoar	B3	63.2	83.8	14,456	567
Robel Acres	3	82.8	88.0	15,743	567
Rhodes Enterprises	B3	99.5	87.8	14,307	562
Home Side Acres	B3	48.2	83.0	14,560	559
Ber Crk	3	66.8	87.3	14,574	556
Getty Acres	B3	174.3	81.7	15,288	556
Guy Tanger	3	33.2	83.9	14,853	556
Oscar E Mehring	B3	32.3	83.2	14,408	549
Grn Manor Guernseys	2	25.1	82.2	11,418	548
Wm Inskip	B3	59.4	88.9	14,758	547
M R & C S Durboraw	B3	59.3	87.1	13,832	523
Bowlder Valley	B3	56.7	86.2	13,875	521
Kevin S Holtzinger	B3	223.4	86.2	14,009	518
James E Miller	B2	38.6	80.0	11,170	517
Frank Ludwig	B3	36 7	83.3	14,101	515
Shamrock Farm	B3	60 8	82.1	13,109	503
Glenn & Janet Lippy	B3	112.7	88.5	12,858	501
J Howard Stiles	4	43 9	83.5	9,927	498
H & W Farms	B3	60.7	83.7	12,762	498
Pennstead Farm	3	38 5	88.6	13,377	495
Pleasent Acres	B3	54.1	85.9	12,121	486
Robert L Ronrbaugh	B8	68.0	85.0	14,225	475
C H-T J Barnett	4	35 8	90.3	9,885	474
Terrence P Murren	2	29.8	85 1	10,337	472
M J Roche	B3	33 1	89.6	12,418	462
Robert C Hoffman	B3	26.3	86.0	10,922	419
James C Behney	B3	48.3	86 2	11,753	415

Honor Roll Lactations

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Guy Tanger						
2	3	6-0	305	16,599	4 0	664
Noel & Holmes						
Teppen	3	2-6	287	15,437	4.2	653
Stoner Bros. Dairy						
Mowena	3	6-0	305	23,690	3 2	748
Patsy	3	6-5	294	20,140	3 5	697
66	3	4-1	288	18,725	3 5	653
63	3	4-3	305	21,415	3.3	708
91	3	3-5	285	24,090	2 7	662
Penn Gate Farm						
W Abbey	3	4-0	305	18,988	4.0	769
Topless	3	2-0	305	17,803	3.9	703
Adam F Lobaugh						
Enoma	3	3-0	305	17,359	3 8	657
Piney Lane Guernseys						
Glorius	2	3-10	305	12,905	5.1	659
Pendant	2	1-11	305	12,967	5.1	666
M J Starner & Sons						
87	3	7-9	305	18,083	4.0	728
107	3	5-3	286	15,503	4.6	714
36	3	3-9	274	15,128	4 5	681
Leroy Basehoar						
92	3	8-3	305	20,798	3 7	778
50	3	4-5	305	16,230	4 2	674
76	3	3-5	305	18,974	3 5	667
Kraybill Miller						
Cass	3	4-6	305	20,565	3 7	768
Buttonwood Farms						
Donna	3	3-3	305	19,100	3.4	650

(Turn to Page D9)

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Model	Largest Motor	Combined Total hp
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RPC 5-15	5	15
RPC 7-20	7½	20
RPC 10-30	10	30
RPC 15-40	15	40
RPC 20-50	20	50
RPC 25-75	25	75

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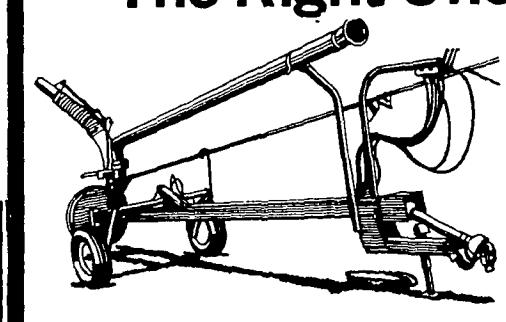

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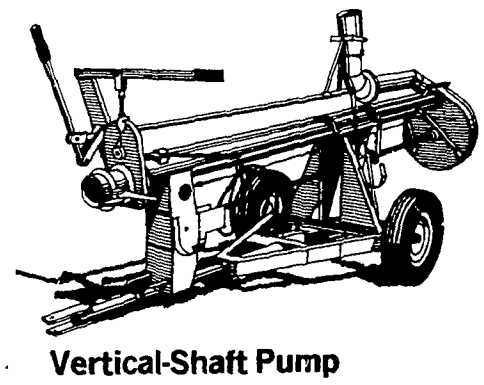
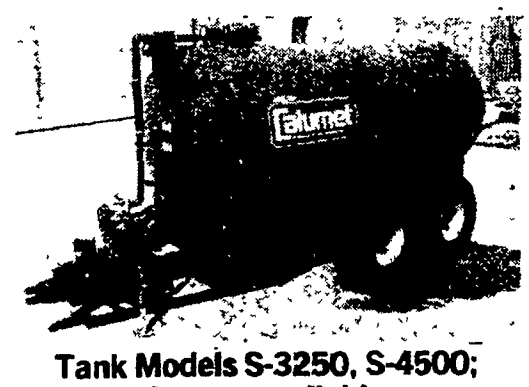


Vertical-Shaft Pump



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Adams Co. DHIA

(Continued from Page D8)

James E. Miller						
Mamie	2	6-8	305	16,306	5 0	819
Roy A Weaner, Jr						
10	3	8-1	305	18,247	4 0	733
80	3	6-1	305	17,266	3 8	656
65	3	5-10	285	17,690	4 6	808
31	3	5-1	305	27,726	3 8	1046
24	3	4-11	305	16,553	3 9	650
Lagging Stream Farm						
Cupid	3	9-10	305	20,691	3 2	656
Skylark	3	9-4	305	19,101	3.5	670
Lassie	3	7-8	227	13,780	4 9	673
I Snow	3	5-3	305	16,471	4 4	726
Satelit	3	4-6	305	21,115	3 9	824
Jessie	3	3-3	305	13,665	4 9	675
Faith	3	2-5	305	16,148	4 5	730
Kehr Acres						
86	3	5-7	295	16,710	3 9	658
95	3	3-4	305	21,917	3 3	733
Wm Inskip						
93	3	8-1	305	19,204	3 5	665
95	3	5-2	305	15,478	4 3	659
3	3	3-9	305	14,536	4 6	669
Ray Dutterer						
Blackie	3	8-1	302	19,194	3 4	654
Ann	3	6-9	305	22,443	4.1	909
Janet	3	5-0	305	18,962	3 6	686
115	3	2-7	305	18,596	4.3	803
117	3	2-7	305	17,486	4.5	783
El Rho Farm						
Patty	3	5-8	305	18,416	4 5	825
Robert & Linda Meyers						
88	3	8-7	305	22,010	4.1	910
19	3	7-11	305	17,534	4.0	695
106	3	4-10	305	23,422	3.5	827
47	3	3-4	305	18,427	4.2	766
Wayne H Rodgers						
9	3	4-5	305	17,536	4.3	759
21	3	4-4	305	18,294	3 8	697
Weim Sharr Farms						
62	3	10-2	305	23,347	3.7	859
9	3	3-9	305	18,326	3.7	683
Wm. Jr. & Raiana Mearns						
158	3	4-7	303	19,181	3.7	710
63	3	0-0	305	17,452	3.8	671
Way Brite Farms						
G57	3	6-7	305	18,873	4.1	772
78	3	3-4	305	17,119	3.9	660
Leroy Deputy						
Cheryl	3	8-7	305	16,473	4.8	796
Mitzi	3	8-9	305	21,445	3 2	683
Liza	3	8-9	305	14,309	4 6	654
Colly	3	7-6	305	15,794	4 7	736
Tinker	3	6-10	305	19,410	4 5	882
Whiper	3	6-1	305	16,895	4 4	735
Berri	3	5-6	305	16,420	4 5	733
Kitty	3	5-8	305	14,517	4 7	677
Salt	3	4-8	305	16,178	4 6	751
Clair	3	4-11	305	17,018	4 7	808
Renea	3	4-6	305	20,052	4.4	876
Tabby	3	4-10	299	15,432	5.3	823
Lacey	3	2-10	305	17,720	3 8	676
Getty Acres						
303	3	4-3	305	14,970	4 5	673
Zeppdale Farms						
42	3	7-9	305	17,794	4.0	706
74	3	6-3	305	20,932	3.4	711
50	3	5-8	305	22,203	3 1	696
George I Lauchman						
Spot	3	5-6	305	21,521	3.6	777
Milton R Hoffman						
8	3	4-3	305	18,036	3 6	657
34	3	3-0	305	15,642	4.3	669
42	3	2-1	305	18,787	3.5	658
Knud A Hermansen						
102	3	3-3	305	16,345	4 6	750
189	3	4-5	305	18,569	3 9	731
Donald F Crabbs						
30	3	2-8	305	18,220	3 6	663
Gary E Redding						
82	3	4-9	305	15,265	4 6	704
Richard K Herr						
3	3	8-0	305	22,297	2 9	655
Apache	3	4-0	305	20,215	3 7	746

CRAWFORD COUNTY DHIA
June, 1983
Rolling Herd Averages
Over 650 lbs. of Fat

Queens Manor Holstein	RH	15.8	20,847	801
John Tautin, Sr.	R&GH	42.2	20,005	755
Arden & Ivan Drake	RH	18.2	21,087	745
Black Pond Farms	RH	84.5	19,838	718
Crawford County Farm	GH	27 8	20,292	713
Richard L. Black	RH	47.1	18,874	709
Tom & Libby Wilson	R&GH	11.4	19,770	696
Earl & Lisa Hamilton	R&GH	62 4	19,105	690
Robert C Campbell	RH	54 1	18,846	684
Helen Anthony	RH	56 2	18,663	676
LaVerne R Johnson	R&GH	48 9	18,001	673
David C Lamb	GH	37 3	18,072	667
Morrell Farms	RH	89.9	17,989	662
Kenneth & Judy Mook	R&G Mix.	14 7	17,337	657

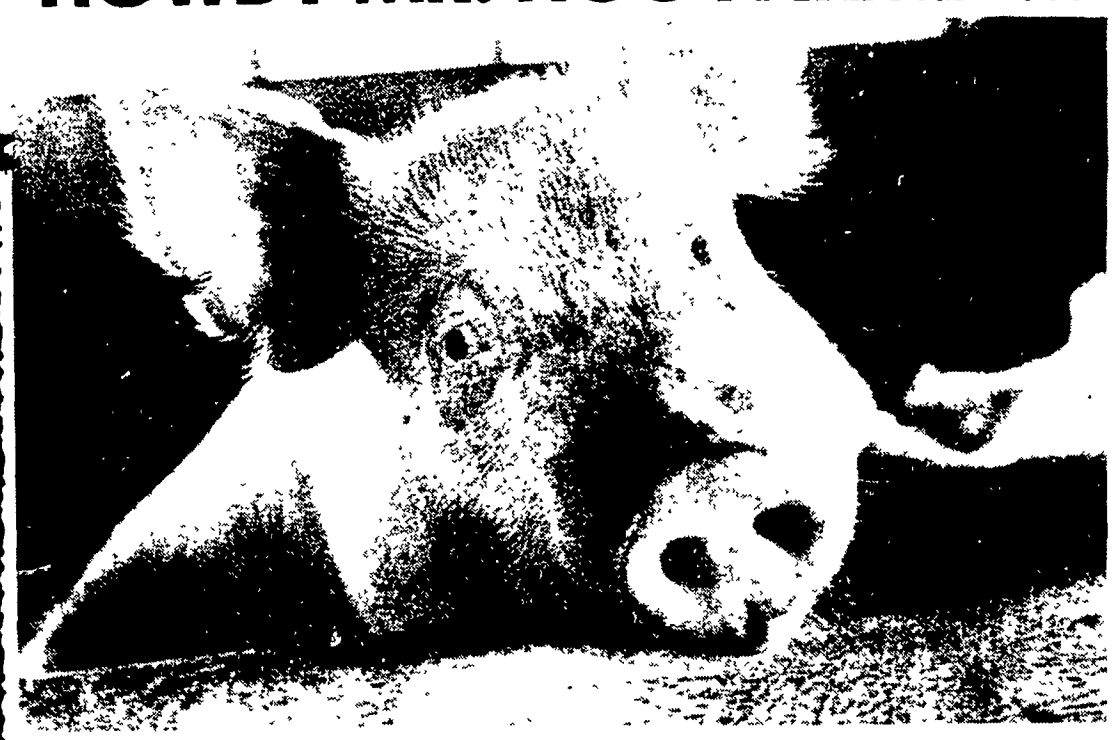
BUCKS COUNTY DHIA
June, 1983
Rolling Herd Average
Over 650 Pounds

NAME	BRD	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Crooked Acre Dairy	3	62 1	85 8	19,179	591
David R Wolfinger	3	33 9	89 5	19,808	563
Breezyvale Farms Inc	3	84 5	89 4	19,041	552
Theodore S Wilson	B3	67 2	87.6	19,439	497
Delaware Val College	3	39 6	84 5	18,741	473
Walter&David Wurster	3	60 7	89 1	19,530	538
Delaware Val College	5	11 6	88 8	16,166	507
J Howard Roth	3	35 2	87 1	19,198	551
Richard D Smith	2	71 0	88 3	14,429	436
John Thompson&Sons	3	82 7	86 8	18,093	373
Wilmer W Rush	3	32 1	87 9	17,639	458
Paul L Bishop	B3	60 6	89 1	18,597	522
Roy Shull	B3	196 9	86 8	17,523	506
Penrose And	3	87 1	83 5	17,697	554

Lactation Report
750 Pounds and Over

OWNER NAME OR NO.	AGE	DAYS IN MILK	LBS. MILK	LBS. FAT
Crooked Acres Dairy				
Bonnie	2-11	305	21,919	817
Clifford W Moyer				
Elaine	7-9	305	19,355	787
Roy Shull				
No. 331	4-6	305	18,099	854
P & J Hallowell				
Belle	9-0	305	23,568	807
Trinket	7-5	305	23,520	917
James Phillips				
Carmen	3-4	298	20,770	780
Wm. & Eleanor Gunser				
Blossom	5-1	305	21,810	818
J. Howard Roth				
No. 16	3-3	305	15,339	778
Breezyvale Farms, Inc.				
Selma 2	4-9	305	23,846	826
Sue	3-7	305	17,613	795
Skylene	3-5	305	23,187	834
Paul L. Bishop				
Deann	7-9	305	22,926	839
Janine	5-7	305	18,907	789
Gert	3-3	305	20,294	755
George & David Bishop				
Lucky	5-1	305	19,438	764
Harold-Tom Haldeman				
Flipper	5-3	305	22,551	802
James & Louis Beyer				
Lora	6-9	305	14,836	804

HOWDY MR. HOG FARMER...



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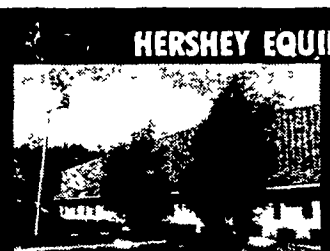

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Pa. fair season moves into full swing

31-Aug 6	Laurelton	Union County West End Fair

August

1 5	Martinsburg	Morrison Cove Dairy Show
1 6	Clearfield	Clearfield County Fair
2 6	Wind Ridge	Jacktown Fair
2 6	Mercer	Mercer County Pomona Grange Fair
2 6	New Stanton	New Stanton Farm and Home Fair
6 13	Mill Hall	Clinton County Fair
6 13	Waynesburg	Greene County Fair
8 13	Bedford	Bedford County Fair
8-13	Butler	Butler Farm Show
8-13	Carlisle	Carlisle Fair
8 13	Lebanon	Lebanon Area Fair
8 13	Millport	Potter County Fair
8 13	Pittsfield	Warren County Fair
8 14	Whitneyville	Tioga County Fair
8 14	Honesdale	Wayne County Fair
9 13	Greensburg	Harrold Free Fair
11 13	Milford	Delaware Valley Fair
13	Carlisle	South Central Penna Holstein Championship Show
13	Kutztown	Eastern Penna. Holstein Championship Show
14 20	Huntingdon	Huntingdon County Fair
14 20	Washington	Washington County Fair
14 21	Smethport	McKean County Fair
15 20	Dayton	Dayton Fair
15 20	Kutztown	Kutztown Fair
15 20	Middletown	Middletown Community Fair
15 20	Kersey	Elk County Fair
15 20	Mount Pleasant	Bullskin Township Fair
15 20	Washingtonville	Montour DeLong Community Fair
15-20	West Newton	Sewickley Township Fair
16 20	Cochranton	Cochranton Community Fair
16-20	New Castle	Lawrence County Fair
16 20	Franklin	Venango County Fair
17-20	Northampton	Allen Township County Fair
17-21	Sewickley	Mount Nebo Grange Fair
18-20	Wrightstown	Middletown Grange Fair
19	Troy	Northeastern Penna Holstein Championship Show
20	Huntingdon	Central Penna Holstein Championship Show
21 26	Lehighton	Carbon County Fair
21 27	Emporium	Cameron County Fair
21 27	Meadville	Crawford County Fair
21 27	Chambersburg	Franklin County Fair
21 27	McConnellsburg	Fulton County Fair
21 27	Bangor	Blue Valley Farm Show
21 27	Meyersdale	Somerset County Fair
22 27	Farmington	Mountain Area Fair
22 27	Greenville	Transter Harvest Fair
22 27	Greensburg	Westmoreland County Fair
23 25	State College	AG Progress Days
23 27	Hookstown	Hookstown Grange Fair
23 27	Newport	Perry County Fair
23 27	Harford	Harford Fair
24 27	Dawson	Dawson Grange Fair
26 Sept 1	Centre Hall	Centre County Grange Fair
29 Sept 3	Wattsburg	Wattsburg Fair
29 Sept 3	Indiana	Indiana County Fair
29 Sept 3	Gilbert	West End Fair
30 Sept 3	Elizabethtown	Elizabethtown Community Fair
30 Sept 3	Forksville	Sullivan County Fair
30 Sept 5	Allentown	Allentown Fair
30-Sept 5	Newfoundland	Greene-Dreher-Sterling Fair
31 Sept 3	Rochester	Big Knob Grange Fair
31 Sept 5	Stoneboro	Great Stoneboro Fair

Send in show results

Lancaster Farming again is interested in publishing livestock show results from the fairs scheduled throughout the Commonwealth.

Show chairmen can send the judging results to Laura England, % Lancaster Farming, P.O. Box 366, Lititz, Pa. 17543. Due to the large number of shows and fairs, we request that class results be limited to the first three finishers.

Also we're interested in photos of the grand and reserve champion and their owners.

September

3 10	Port Royal	Juniata County Fair
4 10	Spartansburg	Spartansburg Community Fair
5 10	Arendtsville	South Mountain Fair
5 10	Ebensburg	Cambria County Fair
5 10	Waterford	Waterford Community Fair
5 10	Home	Ox Hill Fair
5 10	West Alexander	West Alexander Fair
6 10	Jamestown	Jamestown Fair
7 11	Dallas	Luzerne County Fair
8	Huntingdon	Penna. Holstein State Championship Show
9 17	York	York Inter-State Fair
12 15	Bellwood	Bellwood Antis Township Fair
12 15	Claysburg	Greenfield Township Fair (Claysburg Fair)
12 17	Commodore	Green Township Fair (Cookport Fair)
13 17	Albion	Abion Area Fair
14 16	Quarryville	Southern Lancaster Co Fair
14 17	Denver	Denver Fair
14 17	Berlin	Berlin Brothersvalley Fair
14 19	Williamsburg	Williamsburg Farm Show
15 17	Oley	Oley Valley Fair
19-24	Reading	Reading Fair
19-24	Gratz	Gratz Fair
19-24	Beaver Springs	Beaver Community Fair
20-24	Westover	Harmony Grange Fair
20-24	Ephrata	Ephrata Fair
21-24	Altoona	Sinking Valley Fair
22-24	North East	North East Community Fair
26-30	Harrisburg	All American Dairy Show
26-Oct 1	Bloomsburg	Bloomsburg Fair
27-30	Martinsburg	Morrison Cove Community Fair
28-30	Lampeter	West Lampeter Fair
28-Oct 1	New Holland	New Holland Farmers Fair
29 Oct 2	Hegins	Tri Valley Fair

October

3 6	Hollidaysburg	Hollidaysburg Community Fair
3 7	Manheim	Manheim Community Fair
5 8	Unionville	Unionville Community Fair
6 8	Uniontown	Uniontown Poultry & Farm Show
20 22	Dillsburg	Dillsburg Community Fair

November

4 9	Harrisburg	Keystone International Livestock Exposition

January

8 13	Harrisburg	Pennsylvania Farm Show

Chester starts Farmer Development Service

WEST CHESTER — The Chester County Agricultural Development Council (ADC) has begun an employment service to help commercial farmers, growers, and agribusinesses locate qualified employees. The ADC calls the new service, the Farmer Development Service.

"The mission of the Ag Development Council is to keep farming in Chester County. To do this, farming must be kept healthy and profitable," says council member, Bob Solomon. "The Farmer Development Service is one aspect of a broad program directed toward the retention of farmland and farming."

Labor management is an important component of a healthy farm operation. According to Solomon, the purpose of the service is to help farmers improve the overall management of their operation through better labor management.

Through the Farmer Development Service, farmers can get free information and consultation on labor management problems, such as, how to hire, who to hire, how to motivate, train, and retain employees. Labor management professionals are available through the Service to help farmers and agribusinessmen deal with these problems. In addition the Service's personnel will lend assistance in dealing with labor regulations and regulatory agencies (OSHA, Workmen's Compensation, Minimum Wage, etc.).

The Farmer Development Service has established an agricultural worker file containing applications from people specifically looking for work in agriculture and agribusiness. Each application lists the applicant's work experience, skills, and education.

Solomon encourages farmers and agribusinessmen looking for an employee to check the applicant's files kept by the Farmer Development Service.

This is a free service to Chester County farmers. For more information, contact, The Chester County Agricultural Development Council, Farmer Development Service, Room 316, Dague Agricultural and Natural Resources Center, 235 West Market Street, West Chester, PA 19380, or call (215) 696-3500.

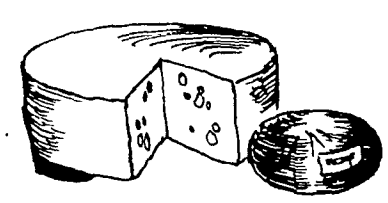
Swampy Hollow Farm to host Chester Holstein Field Day

OXFORD — The Chester County Holstein Club will hold its annual Field Day on Thursday, August 11, beginning at 10:00 A.M. at the farm of John Umble and Family, Atglen. John has announced that the complete dispersal of this well-known Swampy Hollow herd will be held on October 27. Attendance at this Field Day will provide an excellent opportunity to review the herd.

Guest speaker and official judge for the day will be James Pound, Director of Field Services for the National Holstein Association.

A buffet luncheon will be served at 12:00 noon. Luncheon tickets are priced at $4.50 per person, and ticket reservations must be made by Friday, August 5 with one of the following directors: Harold Bare 593-6577, Freeman Evans 458-5023, Bob Pepple 923-3975, or Bill Stoltzfus 593-6958.

The Chester County Holstein Club extends an invitation to all interested breeders and friends to attend this Field Day and to review this outstanding herd.



Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

Squeezed Profit Margins Some Ideas

Farmers soon tire of hearing "you must become more efficient." Some rightfully ask "what do you mean by that?" Sometimes farmers feel alone and possibly even abandoned out there in the cruel, competitive world of business. Yet every farmer faces many of the same rather crucial financial decisions faced by most other businessmen. one is the choice of reducing costs to meet the selling price or continue as is and go out of business. Cost and price squeezes are not unique to farmers. Look at International Harvester and Chrysler as examples of big business with run away costs.

The cost of producing a product is not set in concrete in this country. Let's look at an example: One year age I was looking at copiers. There was one model I really liked. Unfortunately it sold for $2500, which was more than I could afford. Then competition stepped in with similar models listed at $2000. This company went back to the drawing boards to reduce costs and thus price. Today the replacement for that machine is being sold for $1650. The reason, labor costs were significantly reduced by the use of robots.

Costs

If you have dairy or livestock, feed costs are your biggest single cost. Some of these costs are direct such as purchased feed, purchased supplements, grinding and mixing, and purchased additives. Others are indirect such as raised feed. This is the first place to look for waste. Look at the following:

1. What was your feed bill for total purchase feed items?

2. What was the cash cost of feed crop raising (lime, fertilizer, seed, spray, twine, fuel and oil, field machine repairs, feed storage equipment repairs, land rent, and taxes).

3. What was the total of the two items? This would be your cash feed cost. Be sure to include unpaid bills relating to both items.

4. The total should be less than 50 percent of total cash income or under 60 percent of milk sales.

If feed costs are too high:

Dairy

a. You are wasting feed by overfeeding cows fresh over 120 days and/or underfeeding cows fresh less than 120 days.

b. You are underfeeding heifers or have wasteful feeders for heifers.

c. You are wasting feed because of inadeqate ventilation or air circulation.

d. You are wasting feed because of low quality forage, poor milking techniques causing high leucocyte counts, poor feed handling, imbalance of feed nutrients, or poor rodent control.

e. You are buying unnecessary expensive additives.

f. You are feeding an oversupply of replacements.

g. You are feeding non-income or low-income producing animals.

Pigs

a. You are wasting feed on low producing animals (sows too large, inefficient pigs)

b. You are replacing more animals than you realize

c. You are building up an inventory of saleable items

d. You have wasteful feeders

e. You have an unbalanced ration

f. Your pig losses are too high

After feed, all other operating costs appear small. However, some can be significant. Hired labor, health costs, supplies, and interest can be problem areas that can add to poor feed use or offset some good feed use. Electricity and fuel costs are two other areas where costs vary widely from farm to farm.

Remember, there are 3 places where your cash income must go. If one of these 3 requires an excessive ammount of that income, the other two will have to be shaved in order to continue with a viable operation. Those 3 are operating or variable costs except interest, debt service including interest, and family living including personal taxes. In most dairy operations, a reasonable relationship would be 60 percent to operating costs, 30 percent to debt service payments, and 10 percent to family living. I have found that efficient operations can get by on cash operating costs of 45 to 50 percent. This leaves an additional 10 to 15 poercent of cash income for debt services and/or family living. If your total income is from the farm, there is no more money than the 100 percent.

Seed compounds may provide pesticides

PEORIA, IL — Compounds extracted from seeds in research here resemble steroids that regulate changes from larvae to adults in insects, says a U.S. Department of Agriculture chemist.

Roger W. Miller calls the seed extracts possible insect control agents. He identified three of the insect steroids in compounds he extracted with ethyl alcohol from seeds of an Asian plant in studies at the Northern Regional Research Center. He says a fourth compound from the moonseed-family plant (Menispermaceae) still has to be identified.

At a meeting of the American Society of Pharmacognosy in Oxford, Miss., Miller reported studies he did with Cecil R. Smith, Jr., Barry E. Jones and Kenneth L. Mikolajczak. They extracted materials from seeds of a plant that grows in India, Diploclisia, and fed them to larvae of the European corn borer, which they use as a screening organism. The diet killed the larvae.

Using other solvents and high-pressure-liquid chromatography, they isolated three active compounds, 20-hydroxyecydysone, makisterone and pterosterone. Miller says the active compounds belong to a class called ecdysteriods known in insects. There steroids regulate changes, such as molting an outer covering, that occur as an insect develops from larva to adult. Too much or too little of the steroid upsets the development, and the insect does not mature.

These ecdysteroids are found in other plants, ferns for example, but Miller says the concentration in the Indian plant is "relatively high." He found concentrations of 0.04 to 0.35 percent of the steroids in Diploclisia. The steroid concentration known in other plants ranges from 0.001 to 0.2 percent.

Smith leads a group of Agricultural Research Service chemists looking for useful compounds in plants. They have found more than 10 potential pest control agents or cancer inhibitors in 1200 to 1300 analyses of plant seeds. They have reported cancer inhibitors from trees that grow in India and China and from a weed that grows on the coastal plain of the southeastern United States.

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Dauphin County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

June, 1983

Rolling Herd Average

OWNER	BRD	NO. COWS	LBS. MILK	LBS. FAT	
Restful Acres	H	88.5	21,065	734	605
John Hertzler	H	78 9	18,377	682	545
Roy M Brubaker	H	71.9	18,382	647	553
J. Melvin Brandt	H	71 3	17,223	647	435
Larry L. Boyer	H	25.8	17,074	634	467
Catalpa Famrs	H	130 1	18,972	626	561
Earl Campbell	H	54.3	16,052	623	459
Robert H Beach, Jr	H	46 0	16,288	617	531
Robert J Schatter	H	61 5	17,508	615	505
Crissinger Dairy Farm	H	81 3	16,314	615	511
John Roy Book	H	67 6	16,760	610	463
Conewago Farms	H	45 5	15,837	608	490
Calvin B Mauser	G	68 7	13,111	605	476
J Richard Alwine	H	57 9	16,430	602	476
Roy C Wilbert	H	35 4	17,583	602	528
Elwillo Farms	M	129 2	16,425	600	483
Wilmer Campbell	G	62 8	13,181	586	395
Wil-Lene Farms	H	65 7	17,442	585	483
Mahlon L Lehman	H	54 9	16,257	585	460
Arthur Brandt	H	101 2	15,532	581	393
Stoney Lawn Farms	H	59 3	16,472	577	477
Donald Engle	H	72 4	16,165	573	432
A Grand View	H	118 0	16,080	565	497
Harold M Nissley	H	44 3	17,055	562	460
Lytle Farms Inc	H	99 5	16,407	561	476
Robert Oellig	H	37 2	14,563	554	425
Great View Farms	H	52 7	16,061	553	458
Sher Mar Acres	H	47 6	14,859	549	413
Amos Esh	H	41 8	15,198	549	419
Dale F Faust	H	38 7	15,969	541	464
Noah W Sauder	H	43 6	15,099	537	437
James Lesher	H	41 8	14,323	534	403
Oel-Dell Farms	H	155 9	14,408	518	424
Walter Shaffer	H	30 2	13,222	515	336
Paul E Clugston	H	95 1	14,152	513	405
Homer Campbell	H	85 4	14,036	511	416
Floyd Feidt	M	70 4	13,589	510	403
Bryncoed Farm Jersey	J	136 2	10,462	510	406
Stanley R Long	H	84 2	13,504	501	364

305 Day Lactation Records Above 600 Lbs. Fat

OWNER NAME OR NO.	AGE	LBS. MILK	% FAT	LBS. FAT
John Hertzler				
Ruthie	5-1	17,264	3 8	662
Kay	5-1	17,493	3 7	639
Calvin B Mauser				
Rita	5-1	12,860	4 7	607
Scarlet	2-4	11,637	5 3	612
Robert J Schatter				
Wendy	5-11	16,481	4 2	689
Norma	3-8	17,568	3 7	651
Fern	2 8	15,942	4 0	634
John Roy Book				
Candy	7 7	19,460	3 6	702
Erma	2 2	18,389	3 6	662
Lytle Farms Inc				
Diget	4 8	25,806	3 0	765
Nancy	4 1	18,196	3 5	631
Deb	3 2	17,902	3 5	651
Crissinger Dairy Farm				
Sonya	9 7	17,266	3 5	608
Chrysta	4 6	16,213	4 3	699
Wendy	4 7	20,719	3 2	654
Mahlon L Lehman				
Nan	8 7	17,951	3 5	628
Maggie	5 6	19,497	3 7	718
J Melvin Brandt				
Emma	2 8	19,213	4 0	770
Homer Campbell				
129	5 6	19,592	4 5	880
Catalpa Farms				
58	6 0	20,719	3 9	801
15	5 0	22,879	3 7	845
Spots	5 5	19,939	3 1	617
Stanley R Long				
Junior	4-10	14,959	4 0	604
Restful Acres				
Gi Gi	2 9	21,554	3 5	750
Grace	2 11	22,599	2 9	661
Tine	2 0	20,909	2.9	616
Robert H Beach, Jr				
101	7 1	19,089	3.2	612
144	5-0	18,942	3.8	717
143	5 3	15,974	3 9	617
150	4-6	16,567	4 4	726
Lauden Farms				
127	5-2	17,458	3 5	615
61	4-6	19,349	3.1	600
53	4-5	17,134	4.1	697
69	3 9	17,669	4.0	706
111	3 6	18,893	3 9	741
39	3 2	21,658	3 0	642
227		17,178	3 5	605
Donald Engle				
60	5 6	18,789	3 7	697
215	5 1	16,253	3 8	610
Great View Farms				
Jenifer	10 9	16,061	3 8	616
Earl Campbell				
119H	3 10	15,229	4 3	649
123H	2 9	16,771	3 9	657
Roy M Brubaker				
Miriam	6 0	16,733	4 1	692
Edna	5 3	19,785	3 5	694
Bertha	4 4	21,929	3 4	754
Twinkle	4 9	23,809	3 8	896
Mae	2 5	14,106	4 7	662
Sher Mar Acres				
189	5 9	21,619	3 2	684
291	6 8	18,300	3 4	624
Paul E Clugston				
1	3 6	13,612	4 4	603

(Turn to Page D13)

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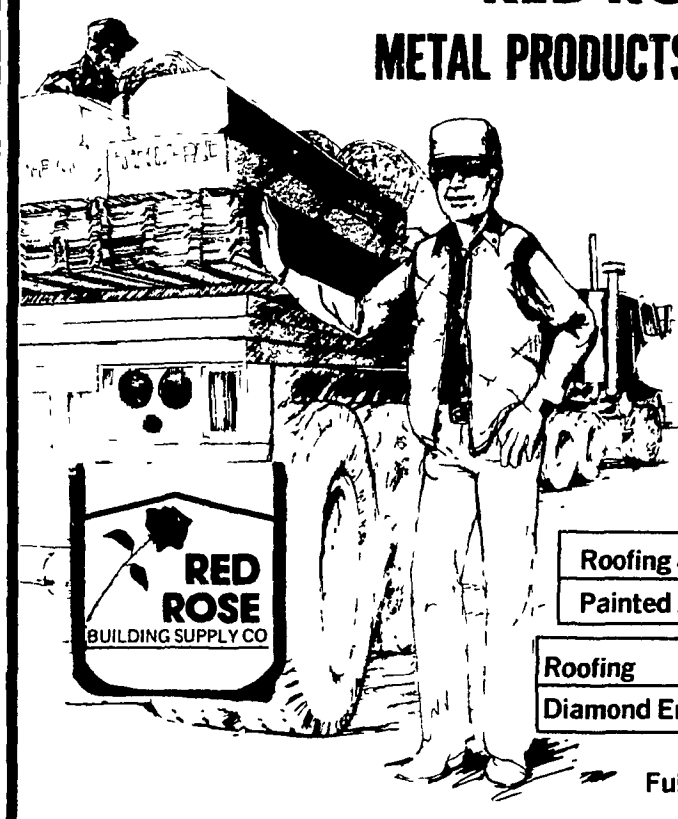

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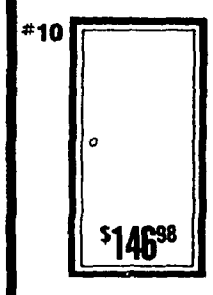

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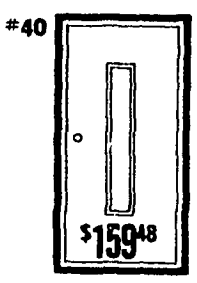

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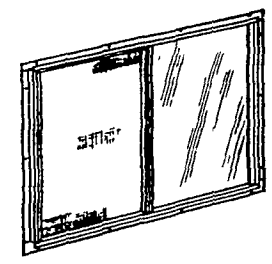

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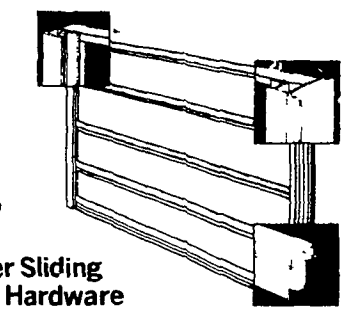

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Dauphin Co. DHIA

(Continued from Page D12)

Raymond Belack				
Bian204	4 6	14,044	4 4	603
Wil-Lene Farms				
60	5-10	19,660	3 2	636
Roy C Wilbert				
Dixie	4-0	17,463	3 7	641
Judy	3-11	16,019	3 8	606
Jeff Rode				
1	4-9	18,430	3.5	645
A Grand View				
17	5 9	20,335	3 4	684
2	6-4	13,068	4.7	619
125		19,280	3.7	714
126		17,289	3.7	648
127		19,278	3 2	616
Amos Esh				
18		21,289	3 3	709
Arthur Brandt				
Bettina	7-6	16,554	3 7	609
Mae	5-8	16,715	4 2	707
90	3-9	20,881	3 3	681
Ann	3-10	17,404	3 8	664
Elwillo Farms				
13	5-1	14,821	4 1	603
8-G	3-9	23,510	3 7	864
32	3-5	23,851	3 1	749

JUNIATA COUNTY DHIA

June, 1983

The June 1983 report of the Juniata County Dairy Herd Improvement Association is as follows

Records were calculated for 3,575 cows in 78 herds

The ten highest Rolling Herd Averages for the most recent 12 months of production are

Harold B Shearer	38H	87 1	20,381	766
W Harshbarger&Sons	42H	90 2	18,893	754
Mark L Zook	52H	89 5	19,441	743
James C Graham	34H	82 6	19,223	741
John L Van Horn	41H	88 9	17,406	729
Larry&David Noss	61H	85 3	19,613	728
Russell J Dressler	36H	85 0	17,773	702
Rick&Ralph Saner	49H	86 4	18,825	700
Barry E Lucas	40H	84 1	17,999	696
J William Peoples	31H	89 3	18,089	695

Three hundred five cows completed records of 305 days or less Two of these cows produced over 900 lbs. of butterfat, 15 produced over 800 lbs., 28 produced over 700 lbs, 69 produced over 600 lbs., and 79 produced over 500 lbs

The fifteen high cows are listed below The owner's name and address, cow's name, pounds milk and pounds butterfat are given in order

Barry E Lucas

Larry&David Noss		
22 B	19,419	904
10-A	23,628	880
48-A	22,743	832
C Orlyn Saner		
Janet	24,371	890
Russell J Drssler		
Wanda	20,366	890
S F Metz		
Dot	22,918	884
James C Graham		
Joan	21,382	876
Grand Hope Farm		
40	20,276	874
19	19,238	813
James H Speer Jr		
Marty	21,479	832
Melvin M Martin		
Y 87	22,141	819
Harold B Shearer		
Merry	22,095	816
Roy&Glen Henry		
Amber	23,142	813
Freeburn&Norman Love		
98	22,091	812

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JULY '83 USDA	$$$	MILK	% TEST	% RPT	PDT	% RPT	TPI
HOLSTEIN							
29H4215 Marc	+306	2427	−.04	53	+1.03	55	701
29H2851 Valiant	+293	2289	−.02	99	+1.93	98	740
29H4000 Columbus	+291	2557	−.15	58	+1.10	63	680
29H4195 Maiz	+266	2424	−.18	34	+ .67	44	597
29H3287 Luck-E	+260	2178	−.09	80	− .03	81	531
29H3195 Vic	+255	1836	+.06	79	+ .59	76	567
29H3845 Radar	+255	2186	−.11	62	− .19	64	511
29H4530 Apollo J	+254	1449	+25	38	+ .67	51	575
29H4280 Cedric	+252	2148	−.10	53	+1.28	52	611
29H4230 Geranjo	+249	2428	−.24	59	+1.71	56	639
JERSEY							
29J2793 TopBrass	+260	1890	−.17	79	+2.3	61	
29J2792 Volunteer	+225	1389	+.06	78	+1.3	63	
GUERNSEY							
29G0796 Telstar	+217	1532	−.06	97	+1.1	−96	
BROWN SWISS							
29B3702 Master	+232	1778	−.05	94	N/A	N/A	

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Lebanon, PA	Paul Martin	717-949-2381
Leola, PA	Lynn Gardner	717-656-6700
Linden, PA	Larry Bower	717-323-9710
Mansfield, PA	Harold Robson, Jr.	717-662-7731
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ABS AMERICAN BREEDERS SERVICE

The 1983 Active AI Sire Summary

WASHINGTON, D.C. — Here is the July 1983 USDA - DHIA Active AI Sire Summary. The Active AI Sire Suppmary now integrates information on milk components. Information on solids - not-fat (S) and protein (P) is included for a bull if his Summary for SNF or protein had a Repeatability of 40 percent or more.

Summaries have been calculated for all bulls reported active by artificial - insemination organizations as of July 20, 1983, whether any new information was reported or not.

A change has been made in the method of incorporating ancestor merit into Predicted Differences (PD's). Previously, bulls were grouped according to pedigree merit. The group averages then were calculated and incorporated into PD's. Starting with this run, ancestor merit is incorporated directly. In particular, this change will increase the accuracy of PD fat. However, PD's for some bulls will change more than would have been expected in the past.

The PD dollars (PD$) is based on a milk price of $12.80 per hundredweight of milk with 3.5 percent fat and differentials of 17.1 cents for fat, 8.9 cents for SNF, and 12.7 cents for protein This was the U.S. average milk price for 1982 minus the average hauling assessment.

The PD's for component percentages were calculated with breed averages in table 1 of "USDA - DHIA Milk Components Sire Summary," U.S. Department of Agriculture Production Research Report No. 178, March 1979.

The 1983 Active A.I. Sires, listed by breed, follow:

Ayrshire

REGISTRATION NAME OF BULL	MILK AND FAT RPT %	PREDICTED MILK	DIFFERENCE % FAT	-74 PD74 $$	PROTEIN AND SNF PD74 $$	PD74 %	RPT %
SELWOOD ROYAL WELCOME	95	+1179	-.06	+40	+149 P +141	-.06	83
ANCHOR MERE JUMBO	92	+1225	-.05	+43	+157 P +155	-.02	75
OAK RIDGE COMMANDERS STAR	96	+667	-.08	+17	+75 P +77	+.02	78
MAR-RAL MADGES BOY	95	+940	.00	+37	+127 P +123	-.04	86
MEREDITH CAVALIER	95	+653	+.14	+41	+115 P +111	-.03	85
REIDINA DAWNER GALLANT MAN	90	+1398	-.04	+50	+181 P +170	-.08	71
MEREDITH LIBERATOR	95	+650	+.03	+29	+94 P +105	+.08	86
SENELAKECA BETTY CHAD	92	+1121	-.22	+19	+109 P +92	-.13	77
OAK RIDGE STAR MAN	68	+615	-.04	+20	+76		
OAK RIDGE FLASHY FORTUNE	87	+321	+.09	+22	+59 P +59	-.01	64
OAK RIDGE SUPER STAR	93	+812	-.02	+30	+107 P +97	-.07	76
IO-WAYSIDE RHETORIC	70	+395	+.07	+23	+66 P +64	-.02	42
ELK-AYR HAGGAI	55	+1001	-.26	+10	+85		
OAK RIDGE GRETAS PREMIER	72	+747	-.03	+26	+95		
GRANBYENNE ROYAL COMMAND	87	+1307	-.09	+41	+159 P+156	-.03	68
BURR-AYR FARMS H. K. BARRY	81	+958	-.05	+32	+120 P+114	-.05	69
DE AYRS HI DROPKICK	51	+1296	-.02	+49	+172		

Guernsey

KELLOGG MINNIES CHOICE	99	+1454	-.10	+58	+198	P +191	-.10	97
						S +198	-.08	70
HOUSLEYS DARI FAYVOR	99	+567	+.01	+28	+87	P +83	-.05	97
						S +87	-.03	66
LYRENE WISTAR DEACON	98	+925	-.04	+40	+131	P +125	-.08	95
						S +134	-.01	62
GRANDVIEW WISTARS FABIAN	97	+992	+.03	+50	+153	P +161	+.04	89
						S +163	+.09	43
WELCOME WISTARS FANCY	92	+966	-.19	+26	+110	P +106	-.07	71
FALCONS WISTAR PATRICIAN	93	+1435	-.09	+58	+197	P +208	+.05	77
WESTERN GLOW WISTAR PREMIER	97	+880	+.04	+46	+139	P +152	+.09	92
						S +144	+.04	51
HORNBACK FARM PRINCE EXTRA	93	+811	+.01	+39	+122	P +117	-.06	78
MAURANA WIS TELESTAR	97	+1532	-.06	+66	+217	P +222	-.01	90
						S +222	+.01	47
SNIDERS LASSIES DAIRY LAD	78	+1173	-.07	+48	+162	P +161	-.04	47
OLYMPIC VIEW JAMAICA	71	+981	-.15	+31	+120	P +122	-.01	49
DENDELS ORCHARDS CORA HOLLIREX	64	+1078	-.03	+48	+156			
LONE PALM T H JUPITER	95	+959	-.24	+21	+101	P +93	-.09	83
						S +96	-.12	43
METZGER FARMS TOP ROE	93	+896	-.03	+39	+128	P +128	-.01	82
HARMONY TRANSFER DYNAMITE	33	+733	-.18	+17	+79			
CO HILL FARMS T H BIG TEX	86	+1225	-.14	+43	+157	P +142	-.15	71
CLEVERLANDS JA DA HORNET	57	+951	-.17	+28	+113	S +104	-.14	41
WELCOME CHOICE ADMIRAL	73	+1789	-.06	+78	+255	P +248	-.10	54
IDLE NEER RONDAS HORNET	26	+1807	-.46	+34	+181			
SCHWINGHAMER FARM BERT	51	+914	-.01	+42	+134			
LONE PALM T H MORGAN	77	+870	-.04	+37	+123	P+118	-.06	61
SHADYLAWN KING ARTHUR	42	+1355	-.20	+43	+166			
CLOVERDELLS SUNNIES SUPERIOR	57	+1039	-.28	+20	+105			
RAEMELTON HORNETS ACTION	54	+1351	-.29	+33	+149			
WAGNERS T H EMORY	52	+1664	-.33	+42	+185			
GOLDEN CAP FAYVOR PRIDE	29	+1056	-.11	+38	+137			
DAN BA LEE A F C GEORGE	64	+1238	-.19	+38	+149	P +142	- 09	46
GRAYSMARSH T H BRIGHT FUTURE	63	+1049	-.28	+21	+107	P +93	-.14	46
LONE PALM RUANN SUPREME	75	+1175	-.17	+38	+145	P +146	-.02	51
DUTCH MILL TELESTARS FAYETTE	82	+1467	-.19	+49	+184	P +180	-.07	65
SCHWINGHAMER FARM CAPTAIN	67	+1136	+.02	+56	+173			
BAY MEADOW HIGH COMMAND	25	+622	-.28	+2	+46			
HOUSLEYS AFC DIAMOND	75	+1415	-.22	+43	+170	P+161	-.10	62
KELLOGG E CHOICE PENDER	39	+1568	-.23	+49	+191			
KADENCE FARM HORNETS LUCKY	44	+1283	-.20	+40	+156			
KELLOGG CHOICES RADER	57	+1388	-.25	+39	+161			
EDISTO FARMS TH FRIDAY	67	+1345	-.37	+24	+133	P +119	-.13	53
FAMILY HILL T H PATTON	37	+1416	-.37	+27	+143			

Holstein

ROUND OAK RAG APPLE ELEVATION	99	+1404	-.01	+50	+181	P +172	-.04	99
						S +185	+.03	96
NICOLK SUNSHINE BOLD CHIEF	99	+212	+.32	+54	+107	P +121	+.08	99
						S +125	+.14	79
WHITTIER-FARMS APOLLO ROCKET	99	+2031	-.19	+43	+212	P +199	-.06	99
						S +206	-.04	96
GLENDELL ARLINDA CHIEF	99	+2019	-.08	+61	+242	P +216	-.12	99
						S +212	-.20	95
ARLINDA JET STREAM-TWIN	99	+2099	-.21	+43	+217	P +213	-.01	99
						S +227	+.08	93
WILLOW-FARM ROCKMAN IVANHOE	99	+1046	-.01	+37	+135	P +132	-.01	99
						S +134	.00	94
POVERTY-HOLLOW BURKGOV DEMAND	99	+2172	-.31	+29	+198	P +164	-.16	98
						S +134	-.44	93
BIRCH-HOLLOW ROYALTY	95	-42	-.17	-25	-46	P -53	-.04	83
GARDENIA CHIEF ASTRONAUT	99	+628	+.26	+61	+147	P +160	+.07	9
						S +159	+.09	83
MALAMEN SUPREME PIONEER	99	+1188	-.12	+25	+124	P +116	-.04	87
						S +106	-.12	64
ACE-HIGH-DAIRY TRIXIE BEN TED	99	+1702	-.01	+61	+220	P +211	-.04	99
						S +212	-.06	88
ARLINDA COMMANDER	99	+1223	+.01	+46	+162	P +153	-.04	99
						S +157	-.03	96
WAPA ARLINDA CONDUCTOR	99	+1757	-.03	+59	+221	P +211	-.05	99
						S +220	.00	96
REDROOF ASTRO ELMO	99	+1668	-.26	+20	+148	P +132	-.08	98
						S +136	-.08	92
SUN-VALLEY SENSATION NEIL	99	+1580	+.07	+69	+226	P +242	+.09	99
						S +234	+.06	79
BARRETT-RANCH IVAN ROCKMAN	99	+1810	-.12	+47	+204	P +189	-.07	99
						S +193	-.07	95
HILL-TOP-HAVEN SENSATION FISK	99	+946	+.10	+50	+150	P +156	+.03	97
						S +163	+.10	45
DELLFIELD STANDOUT	94	+2128	-.15	+53	+236	P +214	-.10	79
						S +219	-.12	61
HART-LYN SENATOR CHIEF	86	-18	-.02	-3	-6			
ARLINDA FOND CARLOS	79	+516	+.05	+26	+80	S +88	+.07	60
CHAM MATT BAM-BAM	93	+227	+.06	+17	+45			
LIMESTONE STANDOUT STREPHON	99	+1890	-.15	+45	+206	P +185	-.10	99
						S +176	-.21	87
TEX-STEIN BURKE ASTRO BOB	92	+535	-.03	+15	+62	P +69	+.04	85
C ENGHILL ROCKMAN KNIGHT	40	-115	+.02	-1	-10			
LARRY-MOORE JACKS LAD-RED	60	-61	+.03	+2	-1			
LARRY-MOORE KENNEDY J-RED	50	-137	-.07	-15	-35			
LARRY-MOORE MAJOR R-RED	75	+173	+.01	+8	+25			
STRICKLER DON DUALLYN-RED	88	+1325	-.16	+23	+130	P +108	-.11	63
LARRY-MOORE JANES ROYAL-RED	45	-179	+.13	+12	+8			
SINKING-SPRINGS PER HILARY	99	+1607	-.23	+23	+149	P +117	-.16	95
						S +124	-.17	92
C-Y-HANOVER APOLLO	92	+609	-.10	+8	+55	P +53	-.01	82
						S +55	.00	58
MORRILL STAR BB BICKEN	99	+1597	-.06	+48	+191	P +182	-.04	96
						S +187	-.03	91
ROCBY MATT PETUNIA JUDGE	88	+621	+.03	+27	+88	S +90	+.02	67
PARAGON BOOTMAKER	99	+1459	-.18	+25	+142	P +122	-.10	95
						S +138	-.02	87
PLATZ BOOTMAKER CHARM	96	+1352	-.03	+45	+169	P +178	+.05	88
GREEN-BANKS ADVENTURER	97	+1211	+.04	+50	+168	P +154	-.07	94
						S +158	-.07	64
ARLINDA CINNAMON	99	+1761	-.10	+48	+202	P +190	-.06	99
						S +196	-.04	92
MILBROFAR ELATE MAGICIAN	99	+1231	-.02	+42	+156	P +143	-.06	99
U-MO CHIEFS HAWK	60	+591	.00	+22	+78			
MIL-R-MOR TRAILBLAZER	99	+1437	-.20	+21	+134	P +114	-.10	99
						S +130	-.03	89

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AR[illegible]NDA PENSTAR	99	+1740	+.02	+66	+231	P	+225	-.02	94
						S	+228	-.02	79
WIMSON EXECUTIVE	99	+1455	+.07	+63	+207	P	+202	-.02	98
						S	+203	-.03	40
HONNETTE BRUYNCREST ASTRO	81	+760	+.02	+30	+103	S	+95	-.06	58
GRUENDALE ASTRO SOVEREIGN	76	+447	+.01	+18	+61	S	+64	+.03	62
HILLIANA VALEDICTORIAN	89	+1796	.00	+66	+235				
PUGET-SOUND SHEIK	94	+254	+.30	+52	+106	P	+134	+.15	84
HATOREY ASTRO PAL	42	+59	.00	+2	+7				
PENN-DELL APOLLO KING ARTHUR	99	+848	+.15	+54	+150	P	+148	-.01	98
						S	+148	-.02	55
GLEN-VALLEY STAR	99	+1066	-.06	+29	+122	P	+117	-.03	99
						S	+108	-.10	95
KEHO ERIC	99	+1728	-.28	+19	+150	P	+121	-.14	96
						S	+134	-.11	72
CA-LILL STANDOUT CAVALIER	99	+2078	-.21	+41	+212	P	+192	-.09	99
						S	+201	-.07	88
RINEHART TOP NOTCH	97	+1316	-.26	+7	+102	P	+68	-.17	90
						S	+68	-.26	45
LUCKY-ROYAL STAR ADMIRAL	99	+1369	+.03	+54	+186	P	+183	-.01	97
						S	+187	+.01	77
OELFKES GOLDEN ABEL	99	+1097	+.11	+56	+171	P	+183	+.07	98
						S	+170	.00	74
THUMB-PRIDE PAYMASTER	97	+1523	-.09	+42	+176	P	+157	-.09	84
						S	+175	.00	80
LETTERS BURKGOV TRUMP	99	+1814	-.01	+64	+233	P	+238	+.03	97
						S	+241	+.06	85
MA[illegible]HFIELD ELEVATION TONY	99	+1962	-.12	+52	+223	P	+208	-.07	99
						S	+215	-.05	91
BIS-MAY ASTRO JUPITER	99	+1039	+.02	+41	+141	P	+146	+.03	99
						S	+158	+.13	84
DORLOY ROBIN REFLECTION	97	+1436	+.03	+57	+195	P	+197	+.02	93
						S	+192	-.02	67
LIME-HOLLOW ELEVATION MARS	99	+1933	-.17	+43	+205	P	+189	-.08	98
						S	+201	-.02	92
CLUE FARM INDIGO SUNSET	97	+1394	+.17	+77	+227	P	+226	.00	95
SHADE-ACRES ELEVATION FROSTY	98	+1479	-.02	+51	+188	P	+172	-.08	91
						S	+188	.00	82
WEN-JO BOOTMAKER CHIEF	63	+1242	-.05	+38	+150	P	+138	-.05	47
STRAIGHT-PINE ELEVATION PETE	99	+1921	-.12	+51	+218	P	+197	-.10	98
						S	+214	-.02	88
LAWCREST MARVEX-TWIN	99	+971	.00	+36	+128	P	+125	-.01	99
						S	+133	+.04	88
LAWCREST LAW MAN	89	+1183	-.14	+21	+117	S	+126	+.07	77
HOLTEX ELEVATION JEWELER	45	+720	-.11	+10	+66				
STILLWELL TIDY ADMIRAL	79	+1934	-.07	+59	+233				
C ROMANDALE ROYAL IVANHOE	64	-225	-.02	-11	-34				
TIHO ELEVATION	98	+1583	-.12	+38	+173	P	+167	-.03	93
RO[illegible]HOM ROYAL VEEMATT	94	+1118	+.04	+46	+155				
SHADE-ACRES STARMAKER	75	+1513	-.09	+41	+173	S	+184	+.08	59
C SHORELEA CITATION MARK A	97	+413	-.21	-15	+2	P	-2	-.03	93
						S	+4	+.01	44
WADDELL BOOTMAKER PETE	97	+928	+.11	+50	+149				
GRUENDALE TRIUNE SENSATION	97	+1312	-.06	+38	+154	P	+136	-.09	90
						S	+156	+.01	60
DEMRY MOHAWK MONEY-MAKER	97	+2161	-.25	+38	+212	P	+172	-.20	87
						S	+192	-.14	73
MIDWAY-CREST BOOTMAKER ROCKET	94	+1402	-.15	+28	+143	P	+128	-.07	80
LOCUST-GLEN IVANHOE ELEVATION	99	+1586	-.09	+43	+182	P	+178	-.02	96
						S	+183	+.01	65
SKY-HI BOOT MARK	99	+1013	-.09	+23	+108	P	+105	-.02	97
						S	+112	+.03	77
ROPIES CHIEF BUFF	96	+1842	-.05	+59	+226	P	+206	-.10	86
						S	+216	-.07	59
EDGEMAR IVAN PAT	49	+1032	.00	+37	+134	S	+136	+.02	42
HARVUE HIGH SPOT	98	+1603	-.14	+36	+171	P	+148	-.11	93
						S	+169	-.01	69
LE-DEL IDEAL SUPERIOR	99	+1507	-.18	+27	+149	P	+121	-.14	98
						S	+150	+.01	93
LE-DEL ELEVATION CHRIS	99	+2683	-.40	+31	+236	P	+190	-.21	97
						S	+194	-.28	88
CODERVIEW IVAN ARLINDA CHIEF	55	+589	-.04	+16	+68				
CURTMAID CENTURION IVANHOE	75	+1497	-.22	+20	+136	S	+119	-.12	51
SH[illegible]DALE ARLINDA CHIEF JEMINI	99	+1352	+.08	+62	+198	P	+174	-.12	99
						S	+186	-.09	82
RAFTER-M IVANHOE DOUBLE	75	+1280	-.15	+23	+127	S	+116	-.08	59
TOPPATION MATT MILKMAKER	99	+963	+.08	+47	+146	P	+123	-.12	96
ACKLAND CHIEF MARK	93	+835	-.02	+28	+105	P	+107	+.02	72
						S	+96	-.06	46
C ROYBROOK SIGNAL	97	+508	-.18	-8	+21	P	+14	-.04	85
SUGARLANE BIG BILLY	73	+1388	-.12	+32	+149	S	+148	-.01	45
ACK-LEE CHIEF MONEY MAKER	99	+1495	-.04	+48	+184	P	+181	-.01	97
						S	+191	+.06	68
WOODBINE MILKMAN	97	-329	-.12	-29	-72	P	-74	-.01	89
						S	-73	-.01	63
OAK-MANOR ASTRO GEM	92	+1546	-.15	+33	+162	P	+143	-.09	67
S-W-D VALIANT	99	+2289	-.02	+80	+293	P	+286	-.03	96
						S	+287	-.04	78
WALT-JEAN MATT	95	+1447	-.06	+43	+172	P	+171	.00	70
						S	+162	-.07	80
GLOBE-RUN JOY CHIEF JUDE	82	+722	+.17	+52	+138	P	+145	+.04	50
RAVENGLEN BOOTS ROMULUS-TWIN	70	+952	-.02	+31	+118				
TABUR TORONADO	78	+1418	-.07	+40	+165	P	+159	-.03	41
BUSY-ACRES LINDY	98	+1829	-.09	+52	+214	P	+186	-.13	96
JACMIN GI[illegible]TEX ELEVATION TAHARI	78	+1046	+.09	+52	+160	S	+172	+.09	52
S-S-F ASTRONAUT BRAVO	96	+849	-.11	+15	+84	P	+76	-.04	88
						S	+74	-.08	63
CLINTON-CAMP ELEVATION MAJESTY	84	+1245	-.10	+30	+136	P	+123	-.07	71
JEP ELEVATION PEPPER	44	+1383	+.06	+59	+195				
MARLU COMET	44	+488	-.09	+5	+42				
ZION-VIEW AMYS GRAND FORTUNE	97	+730	+.06	+35	+110	P	+104	-.03	92
						S	+124	+.11	79
LAWCREST MILK MASTER	53	+674	+.01	+26	+90				
MARLU TITAN	97	+1467	-.15	+30	+151	P	+128	-.12	92
						S	+137	-.10	49
WILEEDA CITATION R	54	+1385	-.05	+42	+166				
WALNUTDALE GOVERNOR BOOT	78	+940	-.18	+7	+76				
ALEGRE JEWEL SUNSHINE JOHN	60	+1282	-.02	+44	+163	S	+157	-.04	48
LUCKY-ROYAL BOOTMAKER KIT	67	+1443	-.12	+34	+156				
VIGO TRIUNE RABURKE	58	+1404	-.18	+23	+135	F	+123	-.06	53
MOORE-FARMS BELLRINGER	87	+811	+.16	+54	+148	P	+149	+.01	71
KRAHNS ELEVATING BART	97	+937	+.10	+49	+148	P	+142	-.03	87
ROCBY KNIGHT IRENE BEACON	54	+1648	+.01	+61	+217				
BRAINTRIM ELSTAN	98	+955	+.01	+36	+127	P	+117	-.05	96
BUTTERDAY BURKE ADMIRAL	99	+1215	+.06	+54	+175	P	+177	+.01	71
						S	+179	+.03	79
DIXIE-LEE ELEVATION DAN	67	+1180	-.07	+32	+135				
PLUSHANSKI PERSUADER	99	+559	+.22	+52	+127	P	+122	-.03	97
						S	+133	+.05	75
DIAMOND-C CHIEF SON RAYS	35	+1321	+.05	+55	+184				
CHAR-SAM ELEVATION PABST	98	+1599	-.19	+29	+159	P	+134	-.12	93
						S	+125	-.24	78
WESTMORELAND ELEVATION PRINCE	95	+1124	-.07	+30	+128	P	+113	-.08	88
ROCKALLI SON OF BOVA	92	+2429	-.17	+60	+268	P	+232	-.18	76
CALRICK SILVER BOOTS	96	+1442	-.21	+20	+132				
EHRS STARLITE WILLIE	65	+2255	-.10	+65	+265	S	+250	-.10	50
MAPLEWOOD-LANE TRIBESMAN	57	+1107	-.10	+25	+118				
EAGLE-ACRES BOOTCAP	95	+1630	-.26	+19	+144				
CARLIN-M IVANHOE BELL	95	+1893	-.07	+58	+228	P	+219	-.04	83
WILL-LO-ACRES VEEMAN R A-TWIN	78	+1249	-.04	+40	+154				
STARDOM BOOTMAKER MANNIX	96	+1004	+.02	+39	+135	P	+129	-.03	90
						S	+135	.00	66
ARLINDA CEDAR	68	+1033	+.02	+40	+139				
FAY-ARK MICKY DOUBLE MAJESTY	50	+917	-.24	-3	+57				
KAM-JA FLAKER	38	+1205	-.08	+32	+137				
FLORIDALE IMPERIAL PERFECTION	80	+1172	+.06	+51	+167	P	+168	+.01	53
ROCBY IMPERIAL IONE GRENADIER	80	+1337	-.09	+34	+149	P	+145	-.02	45
BROOKFIELD FALCON	82	+1015	-.06	+28	+117				
KRON ELEVATION CHIEF ELMER	83	+1277	.00	+46	+166				
GOUVEIA KINGS RANSOM	61	+1351	+.04	+55	+186	S	+190	+.03	41
OCEAN-VIEW SEXATION	93	+1011	+.10	+52	+158	P	+159	+.01	71
						S	+171	+.10	64
ARLINDA C A R DAIRYMAN	60	+1769	+.05	+73	+245	S	+238	-.05	44
ARLINDA ROCKET FAME	65	+1049	+.08	+50	+157				
JIM-MAR-D CAL-CLARK ELEVATION	30	+1249	-.05	+38	+150				
LUND-DALE SUPERB NED	92	+1096	-.10	+24	+116				
SUPER-VIEW BOW KNOTT-RED	69	+730	-.12	+9	+65				
I-O-STATE CHIEF FORD	96	+2352	-.16	+59	+261	P	+236	-.12	82
SCHUVILLE LODY ELEVATION LAD	78	+1715	-.07	+51	+204	P	+187	-.08	52
MD-SUNSET-VIEW R A WONDER	90	+1319	-.18	+20	+124	P	+102	-.12	66
ENG-AMER CITATION FRANK	78	+1259	+.10	+61	+190				
DUTCH-ACRES IMASTAR	81	+1146	+.02	+45	+155	P	+156	+.01	53
COBRYLEA QUALITY	83	+1401	-.07	+40	+164	P	+168	+.02	63
HILLTOPPER ROLLS ROYCE	77	+404	-.11	-1	+26	P	+29	+.02	49
M-JAYBEE ELEVATION RAVEN JOSIE	50	+1300	-.04	+41	+159	S	+170	+.09	41
STAR-SUMMIT ELEVATION LANCE	83	+1806	-.20	+34	+181	P	+167	-.07	44
ELMSMITH MARCUS MARINER	94	+1705	-.16	+36	+178	P	+157	-.10	85
DUNWOOD GOLDEN ATMOS	69	+925	-.10	+19	+96				
B STANSELLS RORAE PAPY	71	+1076	+.07	+49	+157	P	+144	-.06	51
NUNESDALE CM BLEND	76	+1545	-.06	+47	+186	S	+180	-.04	66
GEORDAVE MARVATION	85	+907	+.02	+36	+123	P	+128	+.03	65
MANORSPRINGS CHIEF PAWNEE	86	+713	+.11	+42	+120	P	+122	+.01	68
MIL-NOR-II DOCUMENT	58	+1237	-.06	+36	+146				
DAVIDSONVIEW NOEL BELL	80	+1484	-.02	+51	+188	S	+155	-.23	43
MILMAY KINGPIN ELEVATION BOB	71	+1490	+.02	+58	+201	S	+210	+.07	63
FULTONWAY GAYLORD APOLLO	74	+1439	-.01	+50	+184				

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ANN-RAY ELEVATION MAYDAY	68	+1594	-.08	+45	+186				
MAHONEY ELEV ABE	72	+837	+.06	+40	+125	S	+131	+.04	41
DIAMOND-S CYRANO-TWIN	68	+1259	+.14	+67	+200				
LUCK-E ELEVATION MEL	73	+905	+.05	+41	+132				
MARLU PERSEUS CHIEF	68	+1297	+.02	+50	+174				
NOWERLAND ELEVATION ROCKY	82	+1690	.00	+61	+219	P	+213	-.03	54
GLENDELL ELEVATION JUNIPER	65	+1738	-.11	+46	+197				
MILLIS-AN SHANE	62	+1337	-.06	+40	+160				
WAGNERSCREST IVANHOE ASTRONAUT	80	+1352	+.06	+59	+193	P	+197	+.02	41
SWEET-HAVEN TRADITION	92	+2354	-.17	+57	+258	S	+255	-.01	70
TEUNIS ROUND OAK CORONA	85	+1660	-.10	+44	+188	S	+199	+.08	53
ELEVATION TIDY SPECIAL	64	+1343	-.13	+29	+141				
PEPST KINGPIN JESTER	89	+1104	+.06	+49	+159	P	+159	.00	51
STAUFFLAND ANGELON	36	+691	+.07	+35	+107				
TULLANDO ELEVATION SKY HIGH	73	+2312	-.19	+53	+248				
TWIN-LAWN ELEVATION JASON	76	+1903	-.06	+60	+232				
JOLUDI ELMER CHIEF	76	+1551	+.08	+69	+224	S	+226	+.02	52
OLMAR THUNDER	86	+734	+.10	+42	+122	S	+121	.00	41
C GLENRIDGE OOP	96	+405	+.01	+16	+55	P	+53	-.01	71
DANGE FOBES LEADER	89	+1247	-.05	+38	+150				
CHAPEL-BANK MAXMAKER	63	+1024	+.03	+42	+142				
THUMB-PRIDE PERFECTOR	58	+1718	-.11	+45	+194				
DONACRES DYNAMO-TWIN	76	+1773	-.05	+57	+218				
ST-CROIXCO ELEVATION LEE	71	+1509	-.08	+42	+175				
GILTEX TRIUNE BOOTS	57	+1183	+.02	+46	+159	S	+152	-.05	42
TWIN-LAWN ELEVATION ANDY-TWIN	86	+1686	-.17	+34	+173	P	+148	-.12	71
HOFFLAND ASTRO DYNAMITE	56	+525	-.10	+4	+43				
SIR GLENRIDGE CITAMATT	97	+315	+.07	+21	+57	P	+56	-.01	92
						S	+62	+.03	55
M-V-B-A NED JOLLEEN JOLLY	91	+895	+.07	+43	+135				
ECRASO FREE LANCER-TWIN	69	+1490	-.13	+34	+160				
WENDORFS CINDERS COMET	66	+1404	-.06	+41	+166				
IMLINE STARBRITE	48	+1081	+.18	+66	+187				
DALAND ELEVATED ATOM	84	+1698	-.08	+49	+200	S	+196	-.02	55
IDELRIE ASTRONAUT CHIEF	89	+1388	-.05	+43	+168	P	+161	-.03	56
COLDSPRINGS ELEVATION FAGIN	71	+1877	-.06	+58	+227				
OLMAR STARBRITE	89	+1369	-.04	+44	+169				
DELLFIELD BOOTMAKER DIVIDEND	47	+1527	-.01	+54	+196				
RO-KA-H STAR JESS	45	+1197	.00	+44	+157				
MWS PENN-DELL KING LLOYD	63	+1116	+.09	+55	+170				
STEVINSON ELEVATION HENRY	68	+1295	+.03	+52	+177				
LEPRECHAUN VICTORIAN	53	+2060	-.02	+71	+262	P	+255	-.03	43
TRI-TOWN COFFEE BREAK	47	+1646	-.19	+30	+163				
TRI-TOWN SILVER WAVE	68	+1547	-.14	+35	+165				
SCENI-VALE APOLLO MANDATE	40	+1781	.00	+65	+233				
THONYMA ELECTRA	78	+2048	-.18	+46	+218	P	+208	-.05	52
L-PINE ARLINDA CHIEFTAIN	79	+1457	-.06	+44	+175				
KNOLLTOP RECKERS ACE	92	+1621	+.05	+66	+223				
HARVUE BLACK KNIGHT ABS	74	+1667	-.10	+45	+191				
ARLINDA CHARGER	43	+1209	-.14	+23	+122				
EAGLE-ACRES ELEVATION CAP	90	+1370	-.10	+35	+153				
STONEYLAWN PACLAMAR LEPRECHAUN	75	+1427	+.04	+58	+196	S	+191	-.04	69
I-O-STATE ROCKET BURKGOV LULU	70	+1593	-.15	+34	+167				
RUANN MINUTEMAN	66	+1831	-.10	+51	+212	S	+214	+.02	44
OPPORTUNITY SHALIMAR	73	+1139	+.07	+52	+167	P	+169	+.01	47
ROYALE ARLINDA CHIEF	56	+300	+.08	+22	+58	S	+63	+.04	40
GREEN-BANKS OAK STAR-TWIN	86	+1451	-.19	+23	+138	P	+124	-.06	58
GERLOFF SENSATIONAL SPARTAN	78	+1863	-.19	+37	+190				
HIGHER-VIEW REPUTATION	81	+1448	-.16	+27	+145				
FREEBROOK RAG APPLE SHAMROCK	86	+1113	-.12	+22	+113	P	+95	-.09	68
ADAMS-BROS COCKNEY PILOT	81	+984	+.25	+73	+192	P	+202	+.05	64
SKYHURST TOP CHIEF	58	+1436	.00	+52	+187				
BOBWOOD-ACRES MONARCH SAMUEL	65	+1967	-.13	+50	+220	S	+198	-.15	42
OAK-HILLRANCH TEMPEST	74	+1659	-.05	+52	+202				
OAKMULGEE GEE OAK-HILL EXCLAIM	55	+1263	-.09	+32	+141	S	+136	-.03	43
TEX-STEIN SUPREME-TWIN	48	+1327	+.05	+56	+186				
CLARETTA ELEVATION BUTTON	77	+1408	+.01	+52	+185				
ECRASO SILVER ROCKET-TWIN	62	+1886	-.23	+31	+182				
WIL-DO CARROLLTON DOMINATOR	84	+681	+.21	+56	+142				
EXRANCO RUFFIAN	83	+1673	-.10	+45	+191	S	+164	-.19	52
DUARTE-ACRES CHIEF GLENDELL	50	+1472	-.12	+35	+160				
MARVILLA DESIGNER-TWIN	66	+335	+.07	+23	+62				
ROBTHOM CHIEF BLAZE	73	+1129	+.09	+55	+171	S	+167	-.03	53
ROBTHOM ELEVATION SKYCHIEF	88	+1288	+.01	+48	+170				
NOWERLAND IDEAL CLIFFORD	65	+1751	-.02	+60	+222				
STRICKLER KEN ROYAL	78	+1098	+.11	+56	+171	P	+170	.00	46
THUMB-PRIDE STARFIRE	67	+1862	.00	+68	+243				
SAPA-SKA JEWEL CHIEF	87	+1932	-.21	+36	+193				
ARLINDA ROTATE	46	+2343	-.04	+79	+295				
SHUFARMS ELEVATION LUCKY	40	+1281	-.02	+44	+163				
KNOB-VIEW JEWELMAKER	72	+1313	-.06	+39	+156	S	+142	-.10	49
LIME-VALLEY LUCKY PRINT-TWIN	80	+1889	+.01	+70	+248				
ROCBY FAYNE VENTURA	65	+1478	-.02	+51	+188				
DUNKOMO KNIGHT CRAWLER	66	+1758	-.16	+38	+185	S	+157	-.21	47
MONTY-KAY CHIEF ELEVATION	59	+1038	+.07	+49	+155	P	+153	.00	40
K-WAY APOSTLE KING VIC	79	+1836	+.06	+76	+255				
SEACORD-FARM SEARS ALCOTT	79	+1564	-.18	+29	+156	P	+144	-.06	62
WILLOLEA BOUNTY BOY	62	+1769	-.08	+52	+209				
KINGWAY ELEVATION VERY	93	+1047	+.29	+82	+212	P	+204	-.04	80
MINES SUPER STAR	71	+1474	-.09	+39	+167				
WITHERS DOLAN	64	+1779	-.09	+51	+208				
THONYMA COMMANDO	78	+1899	-.17	+41	+200	P	+193	-.03	48
FARMCREST MADELLO	76	+1247	+.14	+67	+200				
VILLAGE-EDGE REBEL	71	+1540	+.05	+64	+214	P	+199	-.07	58
SINKING-SPRINGS ROCKET MANDATE	75	+1552	-.12	+37	+169	P	+169	.00	48
JO-JON MALCOLM C	55	+1883	-.18	+40	+197	S	+196	.00	50
KJH HAZEL MAGNET HE-MAN	91	+1509	-.16	+30	+154				
FOUNTAIN-HILL R A ACHILLES	86	+2580	-.38	+31	+229	P	+201	-.13	67
PENN-DELL GAY JESS	75	+982	+.05	+43	+140				
LAURA-LE ELEVATION MAGIC	95	+1299	+.10	+62	+195	P	+199	+.03	91
KILLDEE ASTROCHIEF WISEMAN	86	+1411	.00	+52	+185	P	+176	-.04	57
WAYSIDE-ACRES STARBOY	72	+1247	-.03	+40	+153				
DUARTE-ACRES APOLLO	45	+1381	-.13	+30	+145				
JUNE-ACRES RAG APPLE HEILO	63	+1911	-.16	+43	+204	S	+181	-.16	42
SILVA-DAIRY STARLITE KIT	70	+1983	-.25	+32	+190	S	+155	-.24	53
TABUR RADAR	62	+2186	-.11	+62	+255	S	+257	+.02	58
TRI-TOWN STEADY STAR	81	+1892	-.20	+37	+192	S	+174	-.13	69
APPLENOTCH CACTUS JACK	52	+1477	-.20	+22	+138				
CHAR-SAM STARLITE KING	71	+1377	+.02	+53	+184	S	+172	-.09	41
PRUITTS DYNASTY	67	+1896	.00	+69	+247	S	+256	+.07	72
HARMONY-CORNERS SIMON-TWIN	79	+1746	-.04	+57	+216				
RICH-RU CHIEF ELKARA	81	+1166	-.02	+40	+148	P	+138	-.05	60
S-S-F ASTRONAUT BLEND	61	+1799	-.13	+44	+198				
M-V-B-A WYAN LEAH CHEROKEE	89	+909	+.05	+40	+130				
PACK-HERD ELEVATION TERENCE	83	+1306	-.07	+37	+152	P	+143	-.05	63
JOLIAM MONITOR STANDO MAGIC	64	+2021	-.16	+47	+218	S	+205	-.09	48
GEE-BAR-DEE CHIEF ALEXANDER	53	+2022	-.08	+60	+240				
TWINING-BROOK BOROS	42	+492	+.06	+27	+80				
VIR-CLAR GAY JOHN JUAN	82	+1477	+.01	+55	+195	P	+172	-.11	54
EAGLE-ACRES STARLITE ALLEN	72	+1352	+.06	+59	+193				
LE-DEL APOLLO DUSTER	76	+1210	-.12	+25	+125	P	+103	-.11	45
BENBRO BRUTUS	74	+1495	-.08	+42	+174	P	+162	-.05	60
MAHONEY HIGHBOY	62	+1289	-.06	+37	+151				
ECRASO ASTROGLEN JAX	70	+1762	-.14	+42	+192	S	+161	-.22	72
DORLOY MONITOR DINO	78	+1426	-.13	+31	+150	P	+135	-.07	57

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B&T ELEVATION	52	+1281	-.01	+45	+164				
COLDSPRINGS GOLIATH	69	+1572	-.12	+39	+174	P	+169	-.02	43
DUKE JADE STARLITE OF R-K-O	87	+1646	+.08	+72	+235				
HARPAIN VICTORY	47	+976	-.01	+34	+125				
HARPAIN MONITOR DUKE	66	+1333	+.11	+66	+204	S	+201	-.02	48
VALENTIA MONARCH KINGSMAN-TWIN	77	+1931	-.19	+40	+200				
WALKWAY MONITOR JOEL	85	+1385	+.01	+52	+183	P	+184	+.01	57
BELLEVERNON STARGAZER	88	+1271	+.08	+58	+186	P	+177	-.04	74
REYNACRES KIRK ROMA	87	+1816	-.19	+35	+184	P	+171	-.06	70
ZONNEVELD MAGNET KING	54	+1283	-.18	+19	+120	S	+99	-.15	47
G-J STARFLEET	65	+1320	+.01	+49	+174				
LORITA ALLIANCE	48	+672	-.08	+13	+68	S	+79	+.09	41
AR-LOY WYANDALE HUTCH KING	84	+1471	.00	+53	+191				
SILVA-DAIRY ASTRO CONSTITUTION	75	+532	+.05	+26	+81	S	+96	+.12	56
SHADY-MEADOW VESUVIUS	70	+342	+.07	+23	+63				
EXRANCO ELECTRON-TWIN	79	+1142	-.06	+32	+133	S	+131	-.01	44
HOLLER-VIEW ELEVATION MARC	53	+2427	-.04	+82	+306				
RIPVALLEY ELEVATION NAPOLEON	91	+863	+.13	+51	+146	P	+138	-.04	76
						S	+136	-.07	41
POLY CHIEF CENTENNIAL	59	+1541	-.01	+55	+199				
PHELPS-ECHO ASHFORD	77	+1352	+.01	+51	+179	P	+161	-.08	52
WILGERBIN ELEVATION HERO-TWIN	53	+1684	-.01	+60	+217	P	+205	-.06	46
SINNISSIPPI SKOKIE SPOT-TWIN	76	+2147	-.22	+42	+218	P	+193	-.13	44
COTTONWOOD-VALE G D GLEN-TWIN	64	+1982	-.14	+50	+221				
RUANN AC LOGIC	79	+1794	-.01	+64	+232	P	+221	-.05	43
RUANN ROCKET ROSSITER	80	+2037	-.28	+29	+188				
RECKERS FREEDOM	66	+1583	+.01	+59	+209				
GLEN-VALLEY FIRST FOREMAN	70	+1639	-.19	+29	+161				
JUNE-ACRES ARLINDA IDEAL LADY	48	+535	.00	+19	+69				
ARLINDA VIOLIN	49	+1791	-.11	+47	+202				
JO-JON BLACK MORRIS	58	+1056	-.12	+20	+106				
M-V-B-A DELL DANDY DELIVERER	81	+2067	-.06	+66	+254				
AUCREEK G IDEAL ROCKET	55	+1800	-.21	+32	+177				
MORRILL SELMA B-J ALADDIN	79	+905	+.07	+44	+137	P	+141	+.02	58
VIEW-HOME EVOLUTION	76	+2563	-.29	+44	+250				
LAWCREST MELODY MAN	63	+1082	+.03	+44	+149	P	+142	-.04	49
CLIFF-SPRING IDEAL APPLAUD	55	+576	-.01	+20	+73				
LUCK-E CHIEF TRI-COUNTY	80	+2178	-.09	+65	+260	P	+240	-.10	47
BEL-DAR FINESSE	72	+1183	-.05	+35	+140	P	+118	-.11	42
WILLOLEA DANNY BOY	87	+1463	-.05	+45	+177	P	+159	-.08	54
						S	+166	-.07	67
DUNGA-BROOK ANTICIPATE	82	+952	+.07	+45	+142	P	+144	+.01	70
PURINTONDALE APOLLO VIKING	84	+1599	-.06	+49	+193	P	+179	-.07	71
KEYSTONE ELEVATION CAMARO	41	+1265	+.16	+71	+208				
STRICKLER ROCKET REBEL	72	+1194	-.06	+34	+140	S	+129	-.08	55
HUL-BRITE MILKMAKER	79	+1720	-.09	+48	+199	P	+184	-.07	44
						S	+193	-.04	46
DIAMOND-S GAY MODEL	33	+664	-.10	+10	+62				
MARLU ASTROMAGIC	49	+492	+.08	+30	+85				
CHAPEL-BANK TELSTAR CHIEF	67	+1452	+.01	+54	+191	P	+177	-.07	61
JUNE-ACRES AMY CHIEF	54	+118	-.02	+2	+11				
JUNE-ACRES GRAND TILLIE	46	+1075	-.07	+28	+121				
STRAIGHT-PINE JASON-RED	42	+694	-.18	-2	+44				
RUANN JUPITER FAN	55	+1710	-.05	+54	+209	S	+215	+.04	41
ALCOR GAC SAMSON	38	+1580	-.05	+49	+191				
GREENLEDGE SEGIS CHIEF NED	19	+1946	-.13	+50	+218				
VIGO STARLITE ELVATE	62	+1139	+.10	+56	+173				
SWEET-HAVEN WHITE LIGHTENING	89	+1184	+.06	+52	+170	P	+155	-.07	63
						S	+168	-.01	54
FRENA PIONEER TAURUS	52	+178	-.07	-4	+5				
VALENTIA PIERRE	57	+1800	-.09	+51	+210				
CURTMAID JUPITER RABBI	75	+1107	+.05	+48	+158	S	+159	+.01	46
FRADAN R O STAR	65	+716	+.05	+33	+105	S	+103	-.02	50
KEN-RIC MARCUS NEIL	74	+2144	-.31	+27	+192	P	+174	-.09	46
COLDSPRINGS GANGSTER	74	+1504	-.07	+43	+176	P	+169	-.03	45
ROCBY MARCUS TITAN	43	+656	-.06	+15	+70				
DANDI LAWYER	47	+1092	-.18	+12	+95				
BELLEVIEW GAY DESIGNER	36	+549	-.02	+17	+66				
REMVALE ELEVATION SAXON	81	+1216	+.08	+56	+179	P	+176	-.01	49
STAR-SUMMIT GAIETY	78	+1652	-.15	+36	+174	P	+160	-.07	55
FLEMVALE SPARTACUS	72	+1231	+.08	+57	+181	P	+172	-.04	54
NOWERLAND REVENUE	75	+1782	-.23	+28	+169	P	+140	-.14	55
MARION-ADDIE CHIEF VOYAGEUR	75	+2240	-.35	+24	+194	P	+150	-.21	57
MOODYS PAT TROY	76	+2059	+.05	+83	+282	P	+275	-.03	57
MIL-NOR-II DESIGN	68	+1422	-.02	+48	+179	P	+166	-.07	45
ECRASO A ROCKET ERIC	78	+2038	-.19	+43	+212	S	+194	-.13	43
SALACRE R A PERFORMER MAX	51	+1844	-.11	+50	+211	S	+201	-.07	47
CASS-RIVER SELECT DELEGATE	70	+2005	+.03	+77	+268	P	+261	-.03	42
COW-CREEK CONFIDENCE	51	+9	+.01	+2	+4	P	-7	-.06	41
GIL-TEX-B MILKMASTER-TWIN	71	+1502	.00	+54	+195	S	+179	-.12	55
GILTEX ZEPPELIN	48	+782	+.06	+38	+118				
GILTEX EXTRAVAGANZA	44	+1152	+.01	+44	+154				
RICHLAWN SHALIMAR SIDNEY	72	+1951	-.32	+20	+167	P	+144	-.11	41
CURTMAID ELEVATION JO	63	+1706	-.09	+48	+198				
TRADEMARK BARBIE GLENDELLS	70	+1743	-.17	+37	+182	S	+171	-.08	67
CAL-CLARK BOARD CHAIRMAN	81	+2527	-.12	+72	+295	P	+283	-.05	64
HOLTEX CHIEF TRIUNE	52	+1359	+.10	+65	+204	P	+194	-.05	48
HAR-JO-AN IMPERIAL RAMPART	80	+1525	-.25	+17	+133	P	+111	-.11	62
DELLYN PATRICK	75	+1806	-.12	+47	+203	P	+195	-.04	47
HARMONY-CORNERS DUKE	52	+1736	-.03	+58	+217				
GLEN-VALLEY ROSSPIN	70	+1516	-.05	+47	+184	P	+170	-.07	50
WINTERMEN CASCADE	79	+2327	-.27	+40	+227	P	+210	-.07	59
BUSY-ACRES ANNZIBAR MIDAS	72	+917	+.04	+40	+131	P	+119	-.06	61
STRING-A-LONG SAMSON	36	+982	-.06	+27	+113				
DUARTE-ACRES IVANHOE CHIEF	57	+1721	-.15	+38	+182				
BAYCROFT MARLU TRENTON	74	+1296	+.19	+76	+218				
LEADFIELD COLUMBUS-ET	58	+2557	-.15	+68	+291				
HILMAR STAR CHIEF	40	+1151	-.03	+37	+142				
HILLIANA NICKY	51	+2325	-.21	+50	+244				
BONNYSIDE CONDUCTOR LYNDEN	68	+1218	-.05	+37	+146				
WILLOW-TERRACE ASTRO AUGUSTA	77	+954	+.09	+48	+147	P	+145	-.01	67
OLMAR BEST LITE	94	+1088	+.06	+49	+158				
CLOVERTOP PACLAMAR ESCALATOR	72	+1612	-.18	+31	+163	P	+149	-.06	58
BROOKS-TWAIN PATRICK STARLIGHT	76	+1026	-.09	+24	+111	P	+94	-.09	41
CHAPEL-BANK PRESIDENT-TWIN	54	+1432	+.14	+74	+224	P	+213	-.05	53
CURTMAID GAY BOY BELLOWS	74	+1074	-.06	+30	+124	P	+110	-.07	42
SUNNY-CRAFT CHIEF SPIRIT	78	+1676	+.11	+78	+248	P	+236	-.05	56
MARTENS ASTRO GAY	83	+1647	-.25	+21	+148				
LOCKET CHIEFTAIN-RED	46	+385	-.14	-6	+16				
COON-PRAIRIE COMMANDER-TWIN	60	+1440	-.10	+36	+160				
HAIDAN ROCKWELL	76	+1171	-.04	+37	+143	P	+145	+.01	51
FORSBERG BRIGADIER-OC	76	+1961	-.23	+35	+193	P	+163	-.15	51
ARTEVEL ELEVATION PRO	63	+1411	.00	+51	+183	S	+186	+.02	43
LAURA-LE STARLITE MYSTIC	62	+754	+.06	+36	+113	P	+111	-.01	53
BOSSIR BIG ROCK	89	+1720	-.14	+42	+193	P	+179	-.07	67
						S	+177	-.11	55
CAHABA BOOTMAKER GLENDELL	35	+2250	-.11	+63	+261				
DAB MONITOR FROST	80	+1867	-.09	+54	+220				
HIGHER-VIEW ASTRO MATT	36	+1605	-.07	+47	+190				
MAIZEVALLEY CHIEF STARLITE	34	+2424	-.18	+59	+266				
MERRIMAN ARLINDA HARTOG	65	+1401	-.02	+48	+178				
WACHTERDALE MAGNET ROMAN	81	+973	+.12	+53	+157				
CAL-CAB DEBONAIR	60	+384	.00	+14	+50				
RAFTER-M APOLLO ELMO	56	+1066	+.07	+49	+156	S	+136	-.15	46
RAFTER-M MAGNET	58	+1931	-.13	+50	+217	S	+193	-.17	48
CURTMAID MAGNET MIDY-RED	50	+556	+.02	+23	+77				
WILLOLEA GUIDING LIGHT	70	+1504	+.04	+61	+207				
EXRANCO GLEN	71	+1993	-.21	+38	+201	S	+183	-.12	53

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CHRIS-FARMS WALLIE	40	+1039	-.02	+34	+129			
JACOBI JET ROCKET	54	+1573	-.08	+45	+184	S+176	-.06	49
A & H WAPA	66	+1655	-.17	+34	+171			
COLLINS-HI-VIEW ELIMINATOR	65	+1441	-.05	+45	+175	P +158	-.08	53
PENNY-OAK APPLENOTCH ANDY	60	+1737	-.15	+39	+185	P +169	-.08	44
APPLENOTCH BETTYS ANDY	65	+1654	-.13	+39	+179	P +175	-.02	43
UNIQUE-ACRES PRIDE ORMSBY	44	+1552	-.20	+25	+149			
IVAJEN LONE RANGER	71	+1452	+.11	+70	+219	P +211	-.03	47
PANDADALE DEFIANCE	84	+1886	-.14	+46	+207	P +199	-.04	67
KENTS-RESERVE KINGLEA JETSET	56	+1697	-.19	+31	+169			
STAGHEAD BOOTMAKER REMBRANT	67	+1199	+.11	+60	+184			
WILLOLEA PLAYBOY	90	+886	+.10	+47	+141			
SHADE-ACRES SILVER DOLLAR	69	+1031	-.04	+32	+125			
JERGENS ELEVATION LOUIS	85	+1123	-.04	+35	+136			
CFI BIC BRIDGE	43	+1786	-.19	+34	+180			
NEW-WAY GLENDELL CHIEF ARROW	70	+1814	+.04	+73	+248	P +229	-.09	62
PENN-DELL CALCULATOR	70	+2281	-.22	+46	+234	P +221	-.06	43
KHH PAT OXFORD	73	+1592	-.05	+50	+194	P +169	-.12	62
JO-EL KIRK CHIEF DIABLO	74	+1129	-.08	+29	+127	P +121	-.02	60
CRESCENTMEAD RO ATLAS	77	+1432	-.05	+45	+175	P +156	-.09	47
CRESCENTMEAD PINTO	73	+1371	+.03	+54	+186			
HARPAIN MONITOR QUINN	63	+763	+.03	+32	+107	S +96	-.08	48
BUCKSTEAD FURY IDEAL	35	+1505	+.04	+61	+207			
DREAMSTREET FAST BUCK	71	+727	+.02	+29	+99	P +86	-.07	66
MICHAEL ELEVATION ANIMATOR	52	+1083	-.04	+34	+132	S+129	-.02	48
EXETER-HILLS KP FORESIGHT	80	+1495	-.14	+33	+158	P +148	-.05	43
VALENTIA BOOTMAKER CEDRIC	53	+2148	-.10	+62	+252			
REU-HEL FARMS CHIEF STANDARD	75	+1611	+.05	+66	+223	P +214	-.04	47
WALKER-FARM ASTRONAUT DENNIS	74	+1792	-.08	+53	+213	P +202	-.05	65
WINDSWEPT-M MAJESTIC	53	+1771	+.01	+66	+234			
SLEEPY-HOLLOW MAG CHIEF-RED	85	+440	+.05	+23	+69	P +45	-.14	74
SUN-KOTA GENIE GENIUS	69	+1308	+.21	+80	+226			
GIESEKE MONITOR MAJESTY	34	+1051	+.04	+45	+149			
IOKA-HEIGHTS EL RICO RHEVA	49	+1594	-.04	+51	+196			
COLDSPRINGS HAMLET	72	+2108	-.24	+37	+207	P +200	-.03	57
FLOLEEN BEN GAY	60	+1016	+.04	+43	+143	P +131	-.05	45
FRUIT-VALLEY STARLITE ANDY	77	+887	+.21	+63	+168	P +159	-.04	47
JO-RHETA SIRIUS-RED	39	+1349	-.21	+16	+119			
RUANN JET STREAM CORVAIR	66	+2157	-.13	+57	+244			
DJC CLUBINES CHIEF TECHNIQUE	40	+1270	-.02	+43	+160			
GET-US ROCKET HAWK	48	+2221	-.15	+57	+249			
TIGER-LILY TOBY ROCKET	71	+2224	-.19	+50	+237	P+216	-.10	45
MAR-GRO JEREMIAH	48	+1298	-.07*	+37	+152			
CARNATION GLENVIEW JOE-ET	76	+1699	-.02	+58	+215	P+198	-.08	54
						S+208	-.05	51
O-C-S-DAIRY CRISPIN MOTIVATION	64	+1302	-.25	+8	+102			
VIGO FOND CHIEFTAIN	67	+1256	+.05	+53	+176			
ROBTHOM TENOR	68	+1192	-.02	+41	+151	P+132	-.10	41
IOKA-HEIGHTS FLAMING ARROW	70	+2227	-.27	+36	+213			
ROBTHOM RORAE VEEMATT KURT	72	+1500	-.20	+24	+143	P +122	-.11	55
ECKELDALE ALSTAR	75	+2031	-.28	+29	+188	P +168	-.09	64
POTTERS-FIELD MYSTIC	77	+1863	-.09	+53	+218	P +200	-.08	65
SINGING BROOK STARMATE	72	+925	+.20	+64	+172	P +166	-.03	53
KISH-VIEW JUPITER KISHCO	73	+1826	-.03	+62	+230	P +224	-.03	41
SCENIC-VIEW CHIEF APOLLO J	38	+1449	+.25	+91	+254			
TREBDALE IVANHOE G A CHIEF	84	+1075	+.13	+59	+174	P +165	-.05	53
AR B ANTICIPATION	68	+1219	+.25	+83	+225	P +214	-.05	44
VIGO FARM CHIEF JULIAN	75	+1327	+.02	+51	+178	P +171	-.03	60
GRAYDAWN ALSTEAD	68	+1971	.00	+72	+257	P +241	-.08	49
JOYLAND FORCASTER STARLITE	84	+1563	+.17	+84	+250	P +247	-.01	70
MAPLE-RIDGE-VU JOE	67	+2007	-.12	+53	+227	S+224	-.03	47
WHITTIER-FARMS CHIEF GLEN	77	+1284	+.13	+66	+200	P+196	-.02	45
STEUBINGS CONDUCTOR NEDS	75	+1594	-.07	+47	+189	P+173	-.08	52
VAN-VLIET CONDUCTOR NEMO	34	+1813	-.11	+48	+206			
LEEANDY STARLITE TIDY	87	+1088	+.06	+48	+156	P+145	-.05	63
MAPLEBOUND LEANDER	42	+842	-.04	+25	+100			
BALLAND MAGNET FRED	50	+1402	-.11	+34	+154			
TESK-HOLM DREAMER	59	+1246	.00	+45	+162			
LOC-LIN-MA ELEVATION MARLIN	31	+422	+.03	+19	+61			
COW-CREEK CONDUCTOR BOOTS	75	+1525	+.04	+62	+210			
E Z ACRES STARLITE BACHELOR	70	+1812	+.06	+76	+253	P+240	-.07	58
GRUENDALE STANDOUT CHIEF	47	+1782	-.21	+31	+174			
WALHOWDON CONDUCTOR ENGINEER	61	+1838	-.09	+52	+214	S+206	-.06	
ASPENWAY BLACK B MATT	76	+1151	-.07	+31	+131			
BOBIDEE WALLABY	51	+1677	+.01	+62	+220			
CYKIL STARLITE BRAVO ENCORE	72	+1212	-.03	+40	+151			
EASTVIEW G A CHIEF GILL	66	+1623	-.01	+58	+210			
CLARKSTEAD CHER CONDUCTOR CRIS	54	+1657	-.14	+38	+178			
MAR-BIL GLENDELL MASTER	51	+1430	-.05	+44	+173	P+155	-.09	49
LAWCREST ATTRACTION	76	+1478	-.09	+39	+167	P+153	-.07	50
FACER FARMS BESTWAY	74	+1887	-.30	+21	+165	P+141	-.11	63
RAY-MC JET STREAM RAG APPLE	45	+1573	-.17	+30	+158			
D-V-C MONITOR ARION	62	+1733	-.19	+33	+175	P+164	-.05	47
MEGAS MINA GLENDELL MISTER	42	+1860	-.14	+46	+205			
MERWILL STARLITE KERRY	39	+1621	+.05	+67	+225			
GERANJO CHIEF IVAN	59	+2428	-.24	+49	+249	S+210	-.27	45
RANDLAND COMMANDER-IN-CHIEF	58	+1419	-.07	+40	+165			
JUNE-ACRES BLACK PERFORMER	55	+1297	-.16	+22	+126			
G J FLEETSTAR	68	+1731	-.04	+56	+214	P+200	-.07	48
VIGO MAGNETIZE-RED	35	+985	+.02	+39	+134			
BREEZYVIEW JOB ROYAL STEWART	79	+1477	-.04	+48	+183	P+173	-.05	65
GERLOFF GRANADA	65	+1423	+.01	+53	+188	P+165	-.11	40
WILL-CAN-DO CONDUCTOR JUSTIN	49	+1695	-.10	+46	+194			
FREDLUND CHIEF TITLE	79	+1276	+.06	+55	+181			
THONYMA MOONSHOT	77	+1460	-.14	+32	+154			
LECHEROS ALL-TWIN	66	+1809	-.12	+46	+202	S+191	-.07	44
MAIZEVALLEY MIRAGE-TWIN	33	+1053	+.03	+43	+145			
LAGO-VIEW MAGNET RASCAL-RED	62	+1626	-.29	+13	+133			
JUNGE J S SCOUT	79	+1727	-.23	+27	+164	P+149	-.07	70
FIVEBROOKS STARFIRE	77	+2138	-.13	+57	+243	P+213	-.14	64
DON-SIM STARLITE JOSHUA	59	+1588	-.08	+45	+185			
ARNOLD-ACRES SUNDANCE	54	+1469	-.07	+43	+174			
CEDAR-SWAMP FLAIR	74	+1271	+.01	+48	+169	P+148	-.10	63
BUFFALO-VALLEY WALES	66	+1134	+.20	+71	+199	P+192	-.03	53
HARDYS STARWARS	66	+1327	-.05	+40	+159			
MAPLE-NOTCH MEL	50	+1341	-.11	+31	+144			
C-F-D MR WILLOWVATION	72	+1753	-.02	+60	+222	P+215	-.03	51
COLDSPRINGS HELIOS	79	+1696	-.07	+51	+203	P+200	-.01	54
COR-VEL ENCHANTMENT	69	+2932	-.10	+90	+354			
ARLINDA ADVOCATOR	54	+2121	-.22	+41	+215			
ESMUR-DOWNS PRECISION	67	+961	+.12	+53	+156	P+158	+.01	48
JON-VEL CONDUCTOR MEL	61	+1825	-.17	+40	+193			
MARVO TOP COMMAND	21	+1268	-.06	+37	+150			
ENG-AMER HARDYS TOPPER	55	+1516	-.11	+38	+168	S+172	+.03	45
EDMARAL SHAMROCK QUERY	75	+1583	-.22	+23	+147			
HUNTSDALE PARTNER	45	+2036	-.12	+55	+233			
SKOKIE INGHOLMS KLONDIKE	74	+2030	-.24	+35	+198	P+182	-.08	44
MD-SUNSET-VIEW CONDUCTOR LOCO	38	+1815	-.03	+61	+228			
KINE-APPLE STREPHON LEO	67	+1547	-.01	+54	+198			
GILTEX-B MILU	71	+1568	-.18	+28	+155	P+138	-.09	42
ALLEGEN CONDUCTOR DAN	70	+1137	+.14	+63	+185			
BROWNSON STARLITE DUGAN	72	+1678	+.07	+72	+237			
CHURIA MAGNET CHARISMA	56	+1441	-.11	+36	+160			
MISTY-MAPLES ARLINDA MAGNET	59	+2606	-.29	+47	+258			

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GOUVEIA ROCKSTAR.	67	+1610	+.04	+65	+221			
COLDSPRINGS IRA	54	+1393	+.02	+54	+187	P+190	+.02	48
POOLEDALE TRUXTON	84	+1483	+.06	+63	+209	P+196	-.06	65
						S+216	+.06	42
KOWRAYGAN GLENDELL LAD-TWIN	56	+1788	-.07	+54	+214	P+194	-.10	43
BROWNKING SAUL	66	+1764	-.06	+54	+213	P+206	-.03	45
MAGROVE ROUND OKIE	38	+1234	-.06	+36	+146			
THUMB-PRIDE ADVANCER	32	+1710	-.15	+38	+182			
SIR PACLAMAR INTREPID	55	+1206	+.05	+51	+169			
OCEAN-VIEW KNIGHT PAT-TWIN	61	+1435	-.08	+39	+164			
HORST-CREST CHIEF CHARLIE	38	+1889	-.17	+41	+199			
MOWRY-K KNIGHT CHAIN REACTION	64	+1624	-.10	+43	+184			
BACONFARM ELEVATION GLENDELL	35	+1514	-.10	+40	+172			
J-V-M ELE-CON BIG JOHN	42	+1687	-.10	+45	+192			
YARD-O-UTE MILU BOOKIE	59	+1871	-.13	+47	+208			
WHITTIER-FARMS CLINCHER	49	+1460	-.08	+41	+170			
PACK-HERD BUNKY BOO	80	+1822	-.18	+37	+187	P+183	-.02	70
PINTA-LANE CONDUCTOR JASON	70	+1139	+.21	+73	+202			
EL-BERT ELEVATION SNOWMAN	82	+1534	-.09	+42	+176	P+158	-.09	57
LONGROW GLENDELL ROYAL	62	+1713	-.12	+43	+190			
WINTER-PLACE PACESETTER	61	+1157	+.07	+53	+169	P+155	-.07	48
MINE-ROAD CONDUCTOR LEANDER	63	+1368	-.02	+46	+172			
TIHO CONDUCTION	70	+1630	-.01	+58	+210			
STREAMVUE CONDUCTOR BUBBA	53	+1536	-.04	+49	+188			
KRANZDALE REBEL	46	+1032	+.19	+67	+185			
MILFORD FARMS STAR WAR	68	+1330	-.05	+41	+161			
CARLIN-MAYER IVANHOE CHAMPION	61	+1600	-.10	+42	+181			
ENG-AMER CHIEF ARDEN	55	+1533	-.15	+33	+161			
RYND-HOME EXCEL SENSATION	72	+2034	-.13	+53	+229	P+206	-.12	56
ARLINDA SUCCESSOR-ET	83	+1930	-.18	+41	+202	P+182	-.10	54
RUANN DICTATOR	66	+1831	-.17	+40	+193			
LE DEL SUPERSTAR	61	+1893	-.08	+56	+225			
C LAROSE SATELLITE	57	+1555	+.09	+71	+227	S+220	-.05	43
PHILKA APOLLO DIVIDEND GAMBLER	56	+1507	-.16	+30	+154	P+138	-.08	45
CARAMA CHIEF CONDUCTOR	63	+1780	-.02	+62	+227	P+213	-.07	49
VIGO CONFORMATION	71	+1243	+.04	+52	+174	P+162	-.06	58
ART-ACRES HAGER	73	+1821	-.09	+52	+213	P+199	-.07	45
ALBEN-ACRES EVELYNS ENCORE	41	+1554	+.03	+61	+210			
DO-LENE ELEVATION MONITOR LAD	82	+1710	-.09	+48	+199			
WIL-ING-B CONDUCTOR GREAT	70	+1705	-.16	+36	+178			
YIELDMORE WARSAW	63	+1875	-.02	+65	+239	P+227	-.05	52
MOWRY-K ELEVATION EPITOME	63	+1327	+.02	+51	+178			
RUANN JETSTREAM MUSKET	54	+1368	-.09	+35	+153			
PARADISE-LANE EXCLUSIVE	63	+1992	-.06	+62	+242	P+223	-.09	52
BREEDYK GECKO	34	+1447	-.03	+48	+181			
SCHUVILLE LEE LANNIE	55	+2142	-.15	+54	+238			
GREEN-BANKS TRANSFUSION	48	+1118	-.01	+39	+143			
ARLINDA PETE	54	+1672	-.18	+32	+169			
DELLFIELD ROCKET SOVEREIGN	66	+1719	-.22	+28	+165	S+157	-.06	41
SIR CAL-CLARK NITE TRAIN-ET	56	+1084	+.19	+69	+192	P+178	-.06	44
MRY ELEVATION BRONCO-ET	50	+1147	.00	+42	+150			
DIAMOND-S B CHIEF LORD	58	+1623	-.10	+44	+186			
LEE-GIN CONDUCTOR SONNY	62	+1840	-.07	+55	+219			
LEMAX PAWNEE MEMORIAL	61	+2214	-.01	+78	+284			
HI-ACRE R-EARLY BETTER BUILT	67	+1362	.00	+49	+177			
HN&C BOOTMAKER ELEVATION	72	+1144	+.01	+43	+151			
FRANCROFT GOLDENROD	45	+1183	+.12	+62	+187			
BETTERWAY MATADOR	54	+2222	-.19	+49	+235	S+223	-.08	49
BETTERWAY MARINER	49	+1193	-.03	+39	+148			
IONA-FARM HIGHLITE	77	+1201	-.10	+28	+130	S+131	+.01	45
RETSO LOYAL KIRK	61	+1641	.00	+60	+214	P+203	-.06	58
KNOB-LICK HUSTLER-ET	52	+963	+.08	+47	+146			
GREAT-VIEW KING MOZART	50	+925	+.16	+58	+162			
KULSHAN SUNSHINE LARRY-TWIN	49	+1767	-.18	+36	+182			
STERK IVY ASTRONAUT-ET	57	+1513	+.03	+59	+204			
O-GOOD BARRETT VICTOR	57	+1674	-.22	+26	+159			
CAL-CHRIS PEG NUGGET	58	+1596	+.06	+68	+225	P+211	-.07	41
F&G-ACRES FAMOUS GAY BURKGOV	58	+1285	-.05	+39	+154			
HOLTEX GOLD COAST	50	+1126	+.02	+44	+152			
LEPRECHAUN SIOUX	75	+1471	+.09	+67	+215	P+205	-.05	45
DREAMSTREET STARMAKER-ET	38	+1106	+.06	+49	+159			
CRESCENTMEAD CHIEF STEWART	54	+1416	+.13	+71	+218	P+208	-.05	46
LADY LARDALE LAD-OC-TWIN	45	+1171	-.10	+28	+128			
COLL-MOR GENERAL	47	+1020	-.07	+26	+114			
LEEBAR JESSE JAMES	36	+1699	-.06	+52	+205			
RICH-LINE APOLLO SAMSON	72	+2285	-.26	+40	+224			
BONNYSIDE COLDSPRINGS IAN-TWIN	64	+2100	-.21	+42	+215	P+200	-.07	57
JUNGE STARLITE	68	+1145	+.14	+63	+186	P+170	-.08	60
U-W A STREPHON MODERN	56	+1746	-.21	+30	+170			
QUICKLAND CONDUCTOR JASON	46	+1628	-.13	+38	+176			
ELM-NOR-WAY PERFECT CONDUCTOR	65	+2263	-.22	+47	+235			
MARLU BASIC	58	+1916	-.08	+56	+226	P+214	-.06	48
ROYBROOK STARLITE	99	+1328	+.16	+73	+215	P+208	-.04	94
						S+204	-.08	83
BOND HAVEN ROYALSTAR	97	-121	-.04	-10	-25	P -33	-.04	88
						S -33	-.06	47
INGHOLM KLONDIKE	87	+886	-.02	+29	+110	P+102	-.04	53
QUALITY ULTIMATE	99	-178	+.03	-2	-16	P -39	-.13	97
						S -41	-.21	51
STONETOWN SUPREME-RED	64	-224	+.01	-7	-27			
SHORE STYLIST	70	-740	+.09	-15	-76			
DAPPLEDALE PURE GOLD	37	+140	.00	+5	+18			
TRUDGEN MOCH FOUR	79	-437	.00	-16	-57	P -53	+.02	47
ROYBROOK TEMPO	96	+927	.00	+34	+121	P+113	-.04	86
LANGVIEW ASTRONAUT	42	+388	-.18	-12	+6			

Jersey

B.S. NOBLE SUPERB	97	+1112	-.21	+35	+136	P+140	-.03	90
GRAMHIL LEADER SOPHIA SAMSON	99	+1349	-.22	+46	+171	P+166	-.10	98
						S+176	-.03	68
BRIARCLIFFS BOLD TORONO	97	+1535	-.51	+25	+147	P+129	-.22	93
GENERATOR HL EARL	98	+1570	-.37	+41	+177	P+180	-.06	96
FOREST MIDNIGHT	97	+1318	-.33	+33	+146	P+136	-.14	93
FORESTERS PROMOTER	91	+1103	.00	+56	+171	P+174	-.02	83
CAMELLIAS GENERATOR CARL	65	+1354	-.36	+32	+147	P+142	-.10	48
GENERATORS JEWELER	98	+1710	-.49	+35	+176	P+147	-.31	95
BRIARCLIFFS SOLDIER BOY	94	+1948	-.28	+68	+249	P+242	-.16	86
BRIARCLIFFS BRAVE SOLDIER	95	+1856	-.44	+47	+207	P+204	-.12	90
SILVER FIRECHIEF	82	+1288	-.14	+51	+175	P+184	+.01	70
MASTER MILESTONE C	64	+1642	-.15	+67	+226	P+237	.00	51
SAND HILL BTG SPARKLE	53	+1126	-.22	+35	+137			
EHV SILVER VERMONTER	98	+1025	-.08	+44	+145	P+141	-.08	96
SHADEWELL FASCINATOR	97	+1619	-.11	+70	+230	P+227	-.10	93
TENN SOLDIERS PRIDE	87	+1629	-.27	+54	+203	P+201	-.09	70
FAVORITE SAINT	94	+1545	-.40	+37	+169	P+152	-.19	84
QUICKSILVER NOBLE	89	+1249	-.20	+43	+159	P+156	-.08	79
QUICKSILVERS MAGIC OF OGSTON	96	+1930	-.22	+74	+258	P+254	-.13	93
MILKNHONEY GENERAL	50	+1490	-.14	+61	+206			
HI-LAND FAVORITE ALEX	69	+1251	-.22	+41	+155	P+151	-.10	61
GRAMHIL OBSERVER POET	73	+1311	-.10	+56	+185	P+187	-.06	49
MINNIE PANSY QUICKSILVER	96	+447	+.23	+44	+106	P+113	+.05	92
STARDUST GEMINI	81	+1208	-.04	+57	+180	P+185	.00	58
BRIARCLIFFS BLACK MAGIC	80	+1690	-.30	+54	+208	P+210	-.07	58
MAPLELAWN SILVER AARON	85	+1152	-.07	+51	+166	P+179	+.05	68
MLF SECRET SOLDIER	90	+1100	-.04	+52	+164	P+163	-.06	73
BARLU CHOCOLATE SUNDAE	58	+1689	-.37	+46	+194			
HI-LO GENERATORS MAJOR	57	+1334	-.41	+26	+135	P+115	-.23	45
A-NINE CALL ME GREAT	61	+1856	-.42	+49	+210	P+210	-.10	51

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MILLS SECRET	60	+1091	-.25	+30	+126	P+117	-.12		41
FREDESTEL SECRET SUCCESS	76	+1302	-.18	+48	+171	P+173	-.03		40
EHV NOBLE	92	+785	+.34	+72	+177	P+178	-.02		81
JODYS NOBLE SURVILLE	82	+989	-.10	+40	+136	P+135	-.08		59
BELVIDERE BARONET	41	+1208	-.25	+36	+144				
SHAKER VIEW SLEEPING ENCORE	59	+1423	-.46	+25	+140	P+123	-.21		52
S.H.F. BOOTMAKER	56	+1416	-.24	+47	+177				
CELIAS MASTER OF FALLNEVA	84	+1109	-.02	+54	+168	P+177	+.01		71
						S+183	+.06		46
OBSERVER CHOCOLATE SANTA	79	+1066	+.04	+58	+172	P+180	-.01		64
SARGENT PLUS	92	+1208	+.04	+65	+193	P+197	-.05		84
TENN SILVER GEM	58	+1187	-.02	+58	+180				
NEV-R-DUN TERRIFIC TEMPTATION	64	+1335	-.46	+21	+127	P+109	-.22		50
SCOTCH VIEW GENERATOR JUPITER	86	+1794	-.53	+34	+180	P+161	-.24		67
HIGHLAND OBSERVER SPIRIT	87	+1736	-.29	+57	+216	P+204	-.19		71
THRILLING GENERATION	54	+1193	-.19	+41	+151				
GRAMHIL ACTOR	54	+1505	-.29	+46	+181	P+176	-.12		46
W.F. ORATOR TRAVIS	65	+1545	-.38	+39	+172	P+155	-.20		45
HI-LAND EMPIRE STATE 78	64	+2132	-.36	+68	+262	P+265	-.08		58
STARN JUAN DIEGO	35	+1367	-.15	+54	+186				
EDYVEANS CELEBRITY	69	+1887	-.34	+59	+229	P+234	-.05		54
FAIRVIEW ORLANDO	84	+1345	-.34	+33	+148	P+142	-.12		71
ACACIA ACRES P.F. TROJAN	83	+1303	-.09	+57	+186	P+191	-.04		75
MAYFIELD VOLUNTEER	78	+1389	+.06	+76	+225	P+228	-.05		69
MAYFIELD VOLUNTEER BRUCE	67	+1284	+.05	+70	+207	P+214	-.03		50
W.F. GENERATOR JUSTIN	45	+994	-.11	+39	+134				
BOSS MAN	49	+1528	-.20	+56	+200				
CHOCOLATEER	44	+1384	-.37	+32	+149				
SAMSON SUPREME OF CJF	63	+964	-.02	+47	+146	P+148	-.03		48
EHV MARK 2ND	58	+1510	-.26	+49	+187	P+177	-.16		47
ROCKY HILL SAMSONITE	66	+1347	-.07	+61	+196	P+192	-.11		48
CRESCENT FAVORITE C CHIP	41	+1809	-.35	+54	+216				
FOREST GLEN POMPEY MONARCH	74	+1148	+.07	+65	+189	P+198	+.01		61
A-NINE TOP BRASS	79	+1890	-.17	+77	+260	P+256	-.13		71
MIGHTY MAN	20	+1290	-.30	+35	+148				
ROCKY HILL NIPPERSINK	70	+1899	-.27	+67	+244	P+239	-.14		58
HEADSPRING DENI ARISTOTLE	33	+1523	-.31	+45	+181				
SUN VALLEY QUICKSILVER FAME	79	+898	+.16	+61	+166	P+162	-.07		62
MILESTONE ZORRO	41	+1653	-29	+53	+203				
DIRECT APPROACH	47	+966	-.04	+45	+143				
YANKEE FW CHIEF	36	+2371	-.47	+67	+276				
SANDBLOW WARRIOR	41	+1607	-.14	+67	+224				
MEADOLAWN BRIGHT SPOT 60D	55	+1024	-.28	+24	+111	P+99	-.15		43

Brown Swiss

MAPLE GROVE ROCKY	77	+911	-.15	+17	+91				
L-J FIDDLE S	88	+821	+ 05	+39	+123	P+124	+ 01		66
WHITE CLOUD DORIS JETWIND	48	+385	- 05	+9	+42				
NAKOTA PAVANNE EVILO	95	+2325	-.22	+63	+266	P+256	-.10		85
MAPLE GROVE PERFORMER	98	+1235	-.20	+24	+125	P+115	-.09		93
						S+124	-.06		50
ES PUNCH RAY	87	+993	+.05	+46	+146	P+156	+.05		68
E E BEAUTICIAN KING	98	+1439	-.19	+33	+154	P+138	-.13		95
						S+157	+.01		53
NORDENTAHL BEAUTICIAN HAMLET	77	+779	-.09	+20	+87	P +85	-.03		53
LAR-LE STRETCH TITAN	87	+1510	-.24	+29	+152	P+154	-.01		70
WEST LAWN DORSET IMPROVER	67	+1269	-.02	+49	+170	P+176	+.01		42
MARTY L TORO	59	+1450	-.01	+57	+196	P+204	+.04		43
BRIDGE VIEW REWARD	49	+1446	-.09	+46	+177				
WEST LAWN STRETCH IMPROVER	98	+1445	- 06	+50	+184	P+195	+.05		95
						S+198	+.08		52
STONE STRETCH PERFECTION	90	-242	+.03	-6	-27	P -25	+.01		74
VINE VALLEY PAVANNE LU ANSON	88	+960	- 14	+21	+101	P+109	+.03		73
BECKERS CAPTAIN KAYLE	78	+984	.03	+36	+129	P+134	.00		60
V. F BEAUTICIAN LANDON	47	+1183	- 11	+34	+139				
BLESSING BEAUTICIAN HECTOR	31	+793	-.06	+25	+97				
BRIDGE VIEW COMBINATION	61	+1141	+.01	+47	+158	P+155	+.02		45
PARK WAY T TONY	33	+1510	-.16	+39	+170				
ES STRETCH PROGRESS	39	+641	-.03	+22	+81				
NORVIC CONTINUATION	51	+1176	+.05	+54	+172				
NAKOTA DELEGATE DESTINY	71	+1480	-.15	+40	+169				
ES JESTER LUCKY J	55	+213	-.10	-3	+9				
VINE VALLEY ROSE CAPTAIN PERCY	45	+1318	-.04	+48	+172				
ES MOTTO J	46	+771	-.07	+22	+90				
GOLDEN DAWN ELEGANT MASTER	94	+1778	-.05	+65	+232	P+235	-.01		86
MEADOW VIEW STRETCHY SIGNAL	57	+1256	-.15	+31	+139				
WILLOW WELLS DOUBLE D J	74	+1264	-.08	+41	+156	P+161	.00		54
BRIDGE VIEW JUBILATION	31	+1561	-.09	+51	+194				
JOHANN PROUD BENJAMIN	53	+1642	-.16	+45	+189	P+181	-.08		41
NORVIC TELSTAR	92	+1993	+.02	+83	+278	P+287	+.02		84
KEN IR ELEGANT REWARD	80	+1272	+.15	+71	+208	P+218	+.04		75
GOLDEN DAWN ELEGANT MARINER	58	+1760	+.10	+85	+265				
ES JASON LEADER	43	+1187	-.05	+42	+153				
R E S KING ROYAL	74	+1284	-.14	+33	+144	P+150	+.01		59
JOHANN EVILO ROCKET	65	+2068	-.13	+65	+252	P+248	-.05		49
NORVIC RAY TAMAS	33	+1178	-.03	+44	+156				
RAPTURE EL REGAL	38	+1609	+.04	+70	+229				
JOHANN JOHNNY D	62	+1795	+.06	+80	+259	P+259	-.02		47
TATEYS ELEGANTS LOADSTAR	44	+834	+.16	+54	+149				
KA WA BALISON	60	+1509	-.01	+60	+205	P+217	+.05		50
JOHANN STYLISH	61	+2037	-.07	+72	+262	P+264	-.02		41
TOP ACRES MODERN GALAXY	60	+1075	+.03	+47	+154	P+153	-.02		44
V B GREAT CRUSADER	50	+1665	-.02	+64	+223				
WANDERVU IDYL PACIFIC	66	+1484	-.04	+54	+193				
BORDERLINE ANDREW	46	+1535	-.19	+37	+168				
ES STRETCH STATESMAN	33	+1145	-.07	+37	+141				
V B GREAT PROSPECT	29	+1566	-.01	+62	+213				
ROLLING VIEW ELEGANT PAUL	57	+1785	-.10	+58	+221				
ASH HOLLOW TAMMYS TARGET	30	+2049	-.10	+69	+258				
NARROWS VALLEY GREEN GENT	29	+1899	-.12	+60	+232				

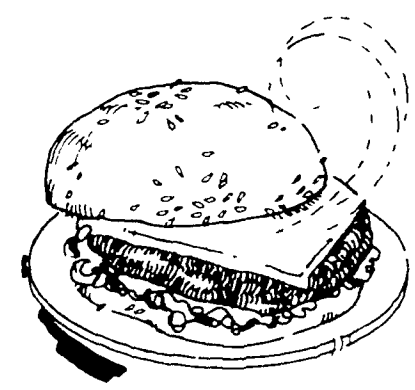
Milking Shorthorn

VOLGA-S BOLD VENTURE	82	+711	-.02	+24	+89				
U OF MINN DARA'S ADVENT	81	+620	+.10	+33	+99				
WILDWOOD D'S RED KING 2D	84	+1342	-.07	+42	+163	P+157	-.05		47
U OF MINN CLD D-A-D COMBO	56	+991	+.04	+41	+138				
ELWOOD S V PROMISE	55	+1562	-.09	+48	+189				
INNISFAIL JEAN'S PROMISE	58	+1132	- 04	+38	+142				
NADOLSKI'S BETTINA'S PROMISE	45	+1205	+.06	+51	+169				
RED CEDAR DAN	70	+1138	+ 11	+53	+168				
KORNCREST PACESETTER	88	+2160	+.04	+84	+291	P+295	+ 03		51
VALLEY VIEW JEWEL PROMISE 3D	58	+696	+ 16	+42	+119				
P-FREKEBA FIGARO	56	+2174	- 04	+76	+278				
CLASS REUNION	76	+1304	+.09	+58	+188				

Red and White

LARRY MOORE RED CHAMPION	57	+328	+.03	+16	+50				

(Turn to Page D21)



SUMMARY OF AVERAGE EVALUATIONS FROM THE JULY 1983 MODIFIED CONTEMPORARY COMPARISON[1]

Each artificial-insemination (AI) organization has had the opportunity to examine the current Modified Contemporary Comparison Sire Summary for its own bulls and to decide which progeny-test bulls to code as "active" and which previously active bulls to remove from "active" status. Consequently, all bulls listed in the current USDA-DHIA Active AI Sire Summary should be readily available through established AI marketing systems. Table 1 reports the average Predicted Differences (PD's) for milk (PDM), fat percentage (PD%), fat (PDF), and dollars (PD$) for each breed and service group. The Animal Improvement Programs Laboratory continues to emphasize the importance of increasing selection standards to keep pace with the genetic progress demonstrated by the trend toward higher PD's through the past several Sire Summary runs. Tables 2 and 3 show the distribution of PDM and PD$ for active AI bulls. Dairy producers' selection standards for PD$ or PDM require revision upwards if intensity of selection is to equal that following the January 1983 Sire Summary. Although upward adjustment of selection level is essential to maintain genetic progress, a simpler and more effective approach would be to use the best bulls available for any breed.

TABLE 1.--Average PD's for bulls summarized in July 1983

Breed	All bulls[1]					Active AI bulls					Non-AI bulls				
	Number	PDM	PD%	PDF	PD$	Number	PDM	PD%	PDF	PD$	Number	PDM	PD%	PDF	PD$
Ayrshire	185	+402	-0.03	+13	+50	17	+899	-0.04	+31	+114	122	+296	-0.03	+8	+34
Guernsey	422	+523	-.07	+18	+66	38	+1,171	-.16	+39	+146	293	+423	-.06	+14	+53
Holstein	9,472	+531	-.04	+14	+60	626	+1,392	-.05	+43	+168	6,694	+369	-.03	+9	+41
Jersey	881	+651	-.13	+21	+80	72	+1,401	-.21	+49	+179	659	+530	-.12	+16	+63
Brown Swiss	292	+727	-.04	+24	+91	52	+1,311	-.06	+45	+166	185	+561	-.04	+18	+69
Milking Shorthorn	97	+917	+.04	+38	+127	12	+1,253	+.03	+49	+169	73	+873	+.04	+36	+121
Red and White	64	-25	-.01	-3	-7	1	+328	-.03	+16	+50	51	-53	-.02	-5	-12
All breeds	11,413	+543	---	+15	+63	818	+1,364	---	+43	+166	8,077	+389	---	+10	+44

TABLE 2.--Distribution of PDM by breed for active AI bulls listed in the July 1983 Modified Contemporary Comparison

Range of PDM	Number of bulls					
	Ayrshire	Guernsey	Holstein	Jersey	Brown Swiss	Milking Shorthorn
+2,200 and above	---	---	29	1	1	---
+2,000 to +2,199	---	---	32	1	3	2
+1,800 to +1,999	---	1	64	8	2	---
+1,600 to +1,799	---	2	95	10	7	---
+1,400 to +1,599	---	7	117	11	12	1
+1,200 to +1,399	4	7	97	21	7	3
+1,000 to +1,199	3	7	81	13	7	2
+800 to +999	3	11	39	5	6	1
+600 to +799	5	2	22	1	4	3
+400 to +599	---	1	21	1	---	---
+200 to +399	2	---	10	---	2	---
0 to +199	---	---	6	---	---	---
-1 and below	---	---	13	---	1	---
Total	17	38	626	72	52	12

TABLE 3.--Distribution of PD$ by breed for active AI bulls listed in the July 1983 Modified Contemporary Comparison

Range of PD$	Number of bulls					
	Ayrshire	Guernsey	Holstein	Jersey	Brown Swiss	Milking Shorthorn
+220 and above	---	1	95	11	12	2
+200 to +219	---	1	84	10	3	---
+180 to +199	1	6	105	13	5	2
+160 to +179	1	5	102	15	7	3
+140 to +159	3	8	100	14	11	1
+120 to +139	2	9	52	7	5	1
+100 to +119	3	5	26	2	1	1
+80 to +99	3	1	10	---	5	2
+60 to +79	3	1	18	---	---	---
+40 to +59	1	1	10	---	1	---
+20 to +39	---	---	3	---	---	---
0 to +19	---	---	9	---	1	---
-1 and below	---	---	12	---	1	---
Total	17	38	626	72	52	12

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Farm export forecast drops

WASHINGTON, D.C. — The value of U.S. agricultural exports in fiscal 1983 is now forecast at $34.5 billion, down 1 percent from the June 15 estimate and 12 percent below fiscal 1982's $39.1 billion.

The reduction from last month mainly reflects lower expected export volumes for corn, soybeans, and soybean meal. The total export volume for fiscal 1983 is now projected at 145 million metric tons, down 8 percent from the year before.

Meanwhile, the forecast of U.S. agricultural imports was raised 1 percent from last month to $16.2 billion, reflecting stronger-than-expected imports of livestock products. As a result of these changes, the U.S. agricultural trade surplus may fall to $18.3 billion in fiscal 1983 — down from last year's $23.7 billion.

U.S. corn exports in fiscal 1983 are forecast at 48.2 million tons, down 1.3 million from last month's estimate. Lagging shipments, the absence of additional Soviet purchases, and weaker demand prospects for other major importers contributed to the reduction. The total value of U.S. coarse grain exports was reduced $300 million from last month's estimate.

For soybean and soybean meal exports, forecasts were lowered about 300,000 tons each from last month—to 24.5 million and 6.4 million tons, respectively. Recent slow export movement, the strong dollar, and continued poor crushing margins in the European Community account for these reductions. The forecast value of U.S. tobacco exports was also reduced slightly to $1.4 billion.

During October-May, U.S. farm exports totaled $23.8 billion, down 17 percent from the year before. Export volume for the same period was 101 million tons, down 11 percent. U.S. agricultural imports totaled $11.1 billion during October-May, 8 percent ahead of last year.

U.S. AGRICULTURAL TRADE BALANCE, FISCAL 1977-83

Item	1977	1978	1979	1980	1981	1982	1983 Forecast June	1983 Forecast July
				--Billion dollars--				
Exports	23.97	27.29	31.98	40.48	43.78	39.09	35.0	34.5
Imports	13.36	13.89	16.19	17.27	17.22	15.35	16.0	16.2
Trade balance	10.61	13.40	15.79	23.21	26.56	23.74	19.0	18 3
				--Million metric tons--				
Export volume	111.9	131 3	137.4	163.9	162.3	158 1	147.5	145.0

Forage crops eligible for insurance

WASHINGTON, D.C. — Federal Crop Insurance will be available for the first time to farmers of certain crops in Lancaster County, according to Congressman Walker. Crops eligible for insurance coverage beginning in 1984 will be those produced for forage, including alfalfa, and grass mixtures, hay, and corn.

"With the high degree of risk involved in farming, this is welcome news for our area," said Walker. "From now on, farmers producing forage crops in Lancaster County can reduce their risk by electing to participate in this federally-sponsored insurance program."

The Federal Crop Insurance Corporation is a wholly-owned, self-financed corporation within the Department of Agriculture. Insurance, covering most unavoidable causes of loss, is currently available on over 30 crops nationwide. The insurance can be purchased through licensed crop insurance agents.

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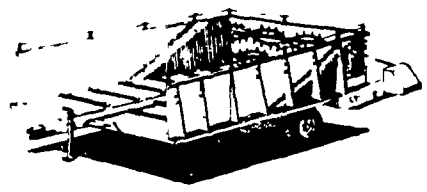

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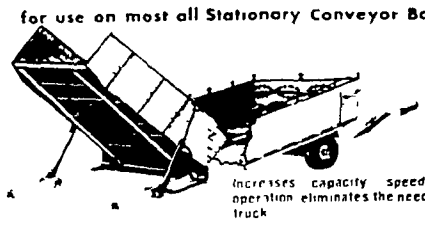

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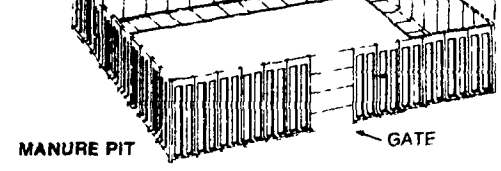
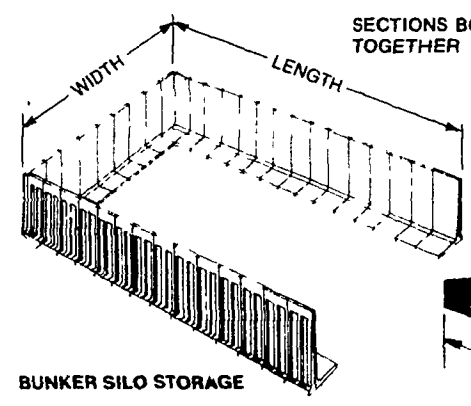
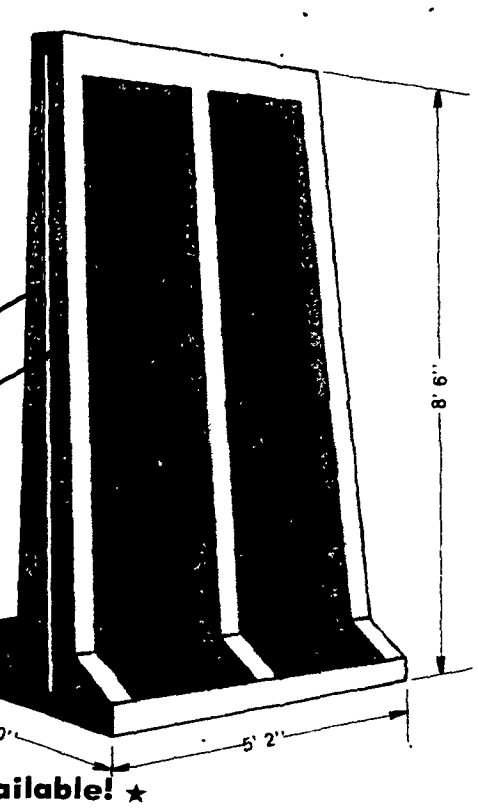
100'	359	539	720	900
110'	395	593	792	989
120'	431	648	864	1080
130'	467	688	936	1170
140'	503	755	1008	1260
150'	539	808	1080	1350

*Based on level fill with 45 lbs./Cu Ft







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Beef cattle slimming down to meet consumer demand

HARRISBURG — Today's modern beef cattle have slimmed down, with less fat than 15 years ago, keeping up with consumer demands for leaner meat, according to the Pennsylvania Meat Marketing Program.

"These changes have been brought about through consumer preference for leaner beef, introduction of leaner, faster growing cattle, higher costs of feed, and competition for higher, quality land and feed grains," according to Dr. L. L. Wilson, professor of animal science at Penn State.

Cattle breeding systems first changed with the importation of larger, leaner breeds of cattle, primarily from Europe. The use of these cattle became widespread, and are now predominately used in cross breeding systems with traditional English-type cattle. Although the larger breeds will probably never replace the traditional breeds raised in the United States, they do have flexability of slaughter weights, with less outside trimmable fat.

According to Dr. John Zeigler, professor of food science at Penn State, "There is a critical balance between the amount of fat contained in the meat to assure acceptable eating quality, and the amount of trimmable fat."

In addition, the beef industry has progressed by selecting higher growth rates and leaner cattle in the English breeds, Zeigler said.

"With less use of feed grains, increased use of pastures, hay, other forages and use of corn silage, today's cattle are faster growing yet maintaining leanness," Wilson said. "Corn silage, is a whole plant product harvested before the corn grain is mature."

Cattle are also slaughtered at slightly lighter weights than years ago, thus decreasing the amount of carcass fat and trimmable fat in retail cuts, Espy said. Slight changes in cattle grades favor carcasses from younger cattle, allowing cattlemen to custom finish beef to their customers' preferences.

Can your fields handle hard rain?

CHAMBERSBURG — Summer thunderstorms can bring large quantities of rain in a short period of time. Are your fields always ready to handle these hard rains? says John Akers, District Conservationist at the Chambersburg office of the USDA Soil Conservation Service.

As summer crops are being harvested, plans are being made to make late summer hay seedings and fall seeding of winter grains. When the previous crop is removed and a seedbed prepared, there is no cover on the land until the new crop gets a couple inches of growth.

How many tons of soil will be lost when the ground is bare during a heavy rain? Up to eight tons per acre of sheet erosion can occur before rills or small gullies form in the fields. Not only is soil lost, but organic matter, lime, fertilizer, seeds, and pesticides are often washed out of the field.

Many of the soils in Franklin County can only lose 3 tons per acre of soil per year and still be able to maintain their long term productivity. If you notice small rills in your fields, then you are probably losing up to 3 times the allowable soil loss for your fields.

Establishing stripcropping, diversions and cropland terraces are all practices that help to control surface water runoff and at the same time reduces soil erosion losses. Any one desiring work on their farm may contact the Soil Conservation Service office at 550 Cleveland Ave., Chambersburg, or call 264-7013 for an on-farm appointment.

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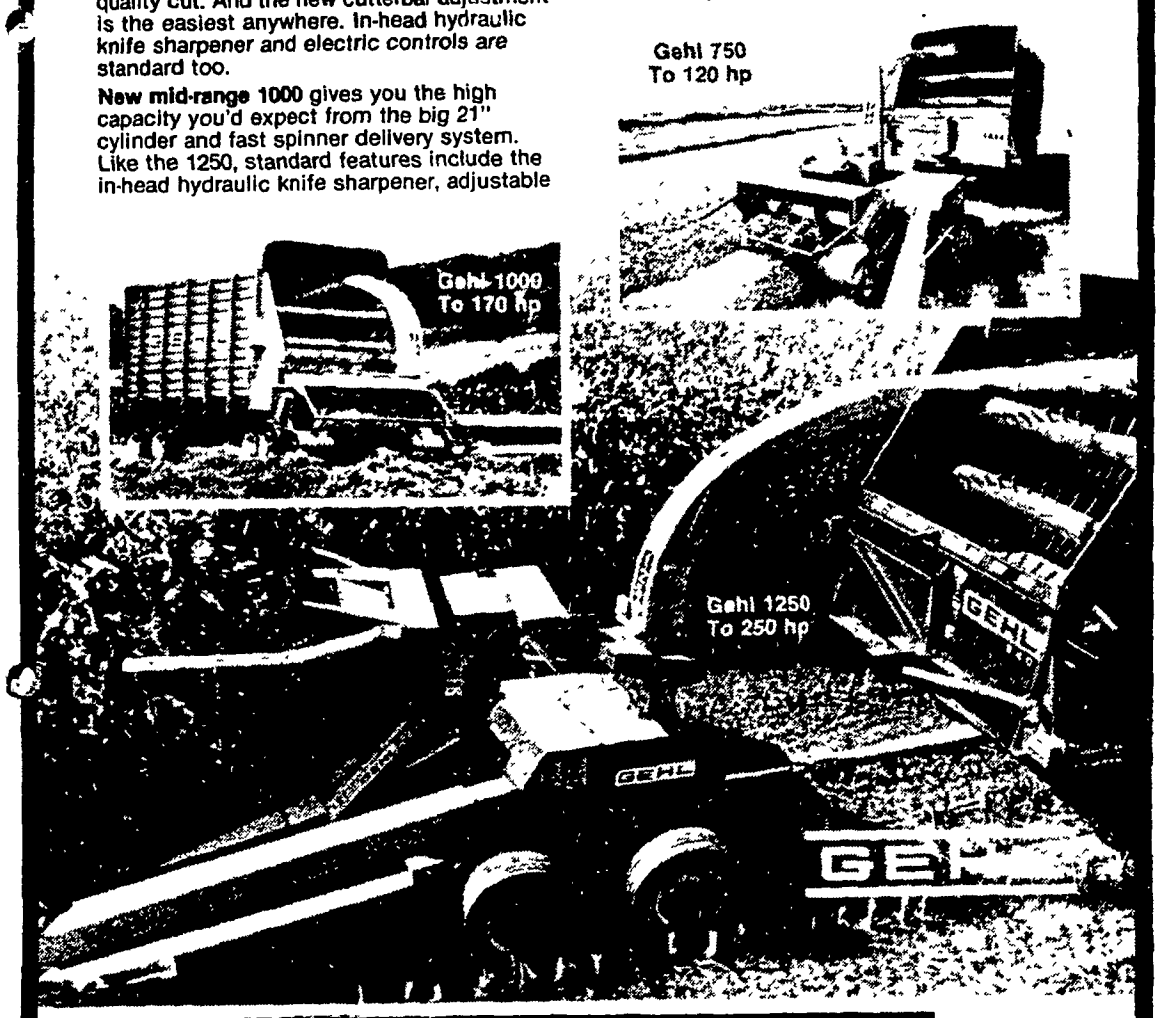
Capacity King 1250. The largest capacity pull-type harvester on the market. Gehl's exclusive 24" spinner delivery system keeps forage moving with no cross augers to plug. The giant, 9-knife, 25½" cylinder gives a quality cut. And the new cutterbar adjustment is the easiest anywhere. In-head hydraulic knife sharpener and electric controls are standard too.

New mid-range 1000 gives you the high capacity you'd expect from the big 21" cylinder and fast spinner delivery system. Like the 1250, standard features include the in-head hydraulic knife sharpener, adjustable axles, one-way shear bolt protection and attachment down-stop.

Fuel saver 750 tackles just about any chopping job. Uses less horsepower per ton chopped than many bigger harvesters. Uses less fuel. The 8-knife cutterhead is set into the blower compartment for smooth, continuous material flow. Add Gehl's patented in-head hydraulic knife sharpener for even more cutting efficiency.

Prove to yourself that there's no substitute for Gehl's 40 years of forage harvester experience. See your Gehl dealer soon.

Gehl Company, West Bend, Wisconsin 53095



GEHL®

Forage Harvesters, Round Balers and mower Conditioners have interest free waiver until April 1, 1984
Forage Blowers and Forage Wagons have interest free waiver until Dec. 1, 1983
Skid Steer Loaders and Mix-Alls have interest free waiver until October 1, 1983

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WOULD YOU LIKE 300 BU. CORN PER ACRE?

A user of our new fertilizer received it last year. (Several approved sources or testimonies) However it takes soil conditioning the year before, same as athletes and Olympians must condition their body in advance. One of our products costs only about $8 or $9 per acre. Farmers report the following -

- Spongier, better textured soil, holds more moisture. This year tells it plainly, obviously. Ask for pictures
- Less horsepower needed for tillage.
- Less need for insecticides and fungicides.
- NPK need reduced by ¼
- Protein increased by ¼.
- Minerals and trace elements greatly increased in soil and feed. Livestock taste the difference. Make a test.
- More eggs, meat and milk per pound of feed.
- Cows do better, less trouble. If you already have trouble, consider the emergency plan below.

A Natural Mastitis Treatment That Works

It is rich nutrition in the feed. Costs only about $2.75 per day, 2 feedings usually knocks it out except in old prolonged cases. Even those sometimes when drugs have failed. It is **Light Force Spirulina**, an algae that grows on water. Extremely rich in vitamins, minerals, trace elements, amino acids, chlorophyll and enzymes. It supplies the missing elements. Makes cows resistant. It is double purpose - nourishing the cow and treating the cause, not just the udder or symptom. Farmers say helps improve sick cows in a few hours.

200 Tablets... **$18.95 Postpaid**

Good repeat orders prove that this mastitis treatment works. We also have another excellent natural product to use in combination for very stubborn cases and sick cows. Free literature. Dealerships available for both these becoming popular products.

ELI STOLTZFUS
Organic Center
217 S. Railroad Ave., New Holland, PA 17557
717-354-7064

Watch aluminum toxicity in dry weather

BELTSVILLE, Md. — Water shortages can cause double trouble for sunflowers and other crops grown in highly acidic soils (pH 5 or below), according to plant physiologist Donald T. Krizek of USDA's Beltsville Agricultural Research Center.

In acidic soils, aluminum and other minerals dissolve more easily than in soils that are neutral. The dissolved aluminum causes the roots of sensitive plants to become stunted. These deformed roots, which are inefficient in absorbing water and nutrients, result from a condition called "aluminum toxicity."

"Sufficient moisture in the soil can prevent some of the damage to plants caused by aluminum toxicity," said Krizek. "Similarly, neutralizing acidic soil by adding lime can protect plants from some of the damage caused by drought."

Sunflowers growing in soil that was limed (to pH 6.5) to avoid aluminum toxicity were deprived of water. Their growth was reduced by about 40%. In acidic (pH 4.5), aluminum-toxic soil, growth was reduced by about 40%, even though the plants had enough water. But when sunflowers were subjected to both stresses, their growth was reduced about 70%, according to Krizek, who cooperated in this research with a USDA soil scientist Charles D. Foy.

Similar research with barley showed that aluminum toxicity and drought can combine to stunt other plants, according to Krizek of the Plant Stress Laboratory. Although some plants prefer acidic soils, important crops — such as wheat, oats, soybeans, barley, sorghum, alfalfa, and others — are sensitive to aluminum toxicity in acidic soils.

Aluminum-toxic soil occurs in the eastern U.S., especially the southeast, and other parts of the world that have high rainfall. Current use of nitrogen fertilizers — ammonium sulfate and ammonium nitrate — can increase the acidity of topsoil and subsoil layers, said Foy of USDA's Agricultural Research Service.

The combination of drought and aluminum toxicity is more harmful to some sunflower varieties than others. Among six commercial sunflowers tested, the variety 'Romson HS-52' was the most sensitive to aluminum stress, water stress, and the combination of both stresses; 'Manchurian' was the least sensitive, according to Krizek. The combined effect of both stresses reduced the growth of 'Romsun HS-52' by 86%, 'Manchurian' by 63%.

Different responses to stress among varieties indicates that the plants are genetically different. These genetic differences could make it possible for plant breeders to develop crops that are more tolerant of stress conditions. According to Foy, newly developed genetic engineering techniques may be used to help develop stress-tolerant plants.

"We are hoping to find measureable differences between plants that tolerate water stress and aluminum stress and those that do not," said Krizek. Such information could be used for screening germplasm and for developing new, stress-tolerant varieties.

Del. to host ag engineers

NEWARK, Del. — The University of Delaware will host the 1983 annual meeting of the American Society of Agricultural Engineers, North Atlantic Region. The meeting will be held at Clayton Hall on the university's Newark campus, August 7-10.

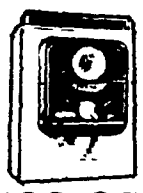
Agricultural engineers from throughout the northeastern United States and eastern Canada will gather to discuss a variety of concerns including energy use in livestock production, developments in wood heating, milk processing technology, reducing livestock losses, new tillage practices, agricultural uses for the computer, and on-farm energy production.

Agricultural engineers and their families will also have the opportunity to visit local points of interest such as Winterthur Museum and Rehoboth Beach, according to Delaware agricultural engineer William F. Ritter, first vice chairperson for program planning.

PARMAK

ELECTRIC FENCERS

We have a limited supply of new, discontinued model fencers at a VERY SPECIAL PRICE. All have a one year warranty, with parts and service available.



PARMAK DELUXE FIELD (MODEL A-DF) 6-V. Bat. Operated
World's largest selling and finest battery operated electric fencer Weatherproof, portable, outdoor model Built-in fence test light. Case houses unit and battery. Uses any type 6V. bat. U/L listed

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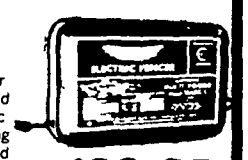
PARMAK MULTI-POWER MARK II (MODEL MII) 110-20-V. AC Operation
The second generation Mark II fencer Designed for maximum output and energy conservation Completely electronic solid state fencer — no moving parts Shocks through wet weeds and brush — will not short out Greatest advancement in electric fencing in 25 years The fencer of tomorrow — here now! Patent Pending UL listed



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Ephrata Exit New Rt. 222, ½ Mile West on Rt. 322, Turn left onto Pleasant Valley Rd.

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THE ONE UP!

THREE NEW MF RECTANGULAR BALERS TOP ANY FIELD

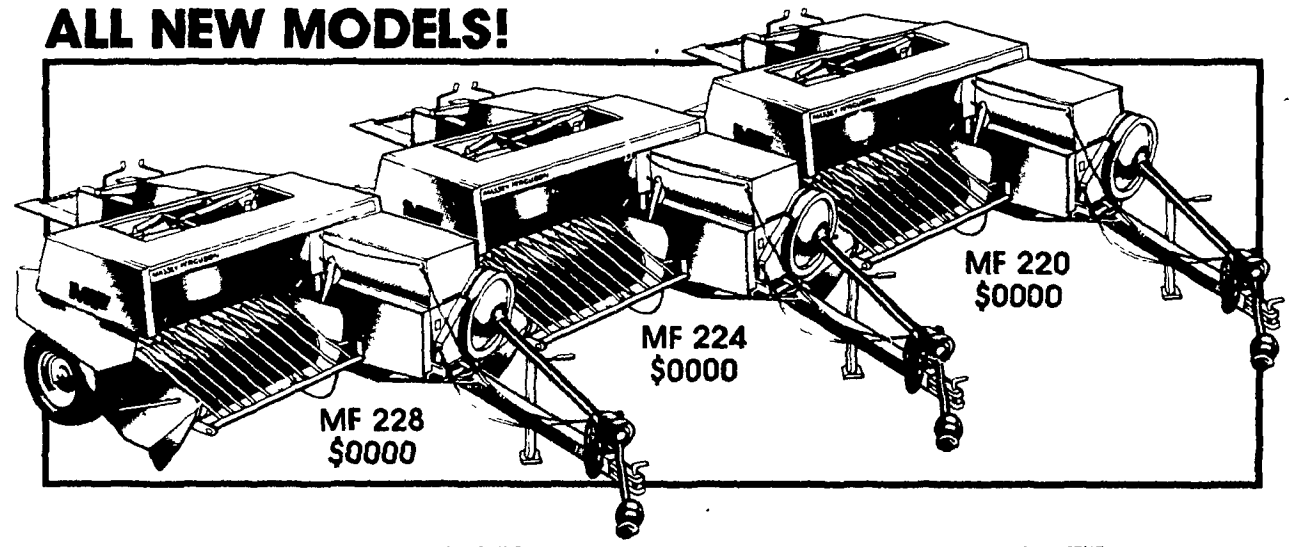
Now, Massey-Ferguson offers a choice of *three* new MF 200 Series twine-tie balers to match your needs. They punch out firm, uniform, tightly tied bales that handle like a charm. Choose a new MF rectangular baler and get more value for your money!

NEW! MF 228
68" (172.7cm) wide pickup...Feeds heavy hay and straw evenly...New flared side sheets improve performance in wide or windblown windrows.

NEW! MF 224
56" (142.2cm) wide pickup...Makes consistent-length bales even in rough feeding conditions...Optional bale density control available.

NEW! MF 220
56" (142.2cm) wide pickup...SureTie Knotter (standard on all three models) makes tight bales with less wasted twine.

ALL NEW MODELS!



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Sale Reports

A Public Auction of real estate and farm equipment and household goods was held July 23 by Frances M. Luckenbill, R.D. 3, Sch. Haven, Wayne Twp., Schuylkill Co., Pa. There were 186 registered bidders present.

The 15 acres with a 9 room frame house, barn, 2 car garage, outbuildings and stream were sold for $54,000.

Other prices were: anvil $100, sausage stuffer $80, butcher kettle $120, Enterprise meat grinder $47.50, horse drawn potato plow $70, Lincoln welder $80, A.C. CA tractor $750, mantel clock $72.50, painted oak wardrobe $50, oak dresser w/mirror $90, oak wash stand $100, small grain painted hanging cupboard $62.50, bucket bench $200, brass hanging kerosene lamp $240, player piano $170, Remington Model 870 shotgun $110 and 3-prong iron butcher fork $22.50.

Jay Riegel, Jr. and Raymond Stump, apprentice were the auctioneers.

xxx

A Public Auction of household goods and antiques was held July 23 for Mamie Schlegel, 891 Keener Rd., Towamencin Twp., Lansdale, Pa.

Some prices received were: oak bonnet chest $240, 1969 Caddilac convertible $3100, oak high chest of drawers $110, plank bottom chairs $12 each, redware spitton $37.50 and [illegible] Paul G. Derstein was the auctioneer.

xxx

A Public Auction of farm machinery was held July 23 by Mrs. Ruth Donavan, ½ mile north of St. Georges Del. Bridge. A large crowd attended the sale.

Some prices included: Ford Ferguson tractor $1650, Int. A tractor w/plows and cultivators $1500, Oliver Super 77 tractor $1500, 3 Int. H tractors $700, $740, & $760, N.H. 3 pt. hitch sickle mower $685, J.D. scraper blade $300, M.F. 3-B plow $610, transport [illegible] pt hitch stone rake $400, M.F. chisel plow $500, 3-3pt. hitch discs $450, $375 & $425, Vassar scraper box $420, J.D. 2 row cornplanter $400, 3 pt. hitch cement mixer $400 and rotary mowers $300 to $625.

Auctioneers were Harold S. Hill & Son.

xxx

A Public Sale of grade Holsteins was held July 21 by W. Frank and Jettie Mills, 4 miles northwest of Oxford, Chester Co., Pa. A large crowd attended the sale.

The top cow sold for $1375 and the 2nd high was $1350 with the 3rd high bringing $1275. The average of the 70 cows and bred heifers sold was $989.

Auctioneer was Steve Petersheim.

Public Auction Register

Closing Date - Monday, 5:00 P.M
of each week's publication

JULY

SAT JULY 30 - 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc., Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners. Ray Long and Dave Imes, Auctioneers.

SAT JULY 30 10 AM Public Auction of Farm Equipment. Located from the Mt Joy-Manheim Rd take Milton Grove Rd to Hossler Rd , 2 mi north of Mt Joy near Beckers Gas Station Lloyd E and Nancy Forry, Owners Raymond Miller and Rufus Geib, Auctioneers

SAT JULY 30 9 30 AM Public Auction of Const and Line Equip , and Vehicles Located at 2917 Wildwood Ave , west of Jackson, MI, 1½ mi west of 127N Vilsmeier Auction Co , Inc

SAT. JULY 30 - 2 PM Public Auction of Real Estate Located approx 10 mi north of Shippensburg, PA or approx 3 mi north of the village of Newburg, PA, in 3 Square Hollow Esther E Mitchell and Estate of Eleanor R Mitchell, Owner Hershey, McLaughlin and Martin, Auctioneers.

SAT. JULY 30 10 AM Public Auction of Real Estate, Cherry Corner Cupboard, Gold and Silver Coins, Antiques, JD 112 Garden Tractor and Cherry and Walnut Lumber Located at the farm, RD 2, Orangeville, PA, turn off Main St in Orangeville on Orangeville-Millertown Rd Charles and Esther Conner, Owners Nevius Auction Service

SAT JULY 30 - 7:30 PM Public Auction of Cattle Located at the State Fairgrounds, Harrington, DE. Delaware Holstein Association, Sponsors Remsburg Sale Service

SAT JULY 30 - 9 AM Public Auction of Real Estate, Farm Machinery, Antiques and Autos Located south on Rt 24, just through the village of Rinely, turn onto Hess Rd , approx ½ mi to sale Estate of Maynard L Hess Nelson Ahrens and Ralph Brenneman, Auctioneers

SAT JULY 30 - 8.30 AM Public Auction of Personal Property Located at Williamson, Franklin Co , PA Mrs J Guy Meyers, Owner J Robert Meyers and Lorne Lichty, Auctioneers

SAT JULY 30 - 9.30 AM Public Auction of Quilts, New Wooden Items, Household, Misc Items and Tools Located 4 mi east of Mifflintown or 3 mi. west of Thompsontown near village of Centre along old Rt. 22-322 Annual Amish Parochial School Benefit Sale Long Bros , Auctioneers.

SAT. JULY 30 - 9 AM Public Auction of Antiques, Household Goods, Toys, Tools and Coins Located at 150 Parkview Heights Rd , Ephrata Twp , PA, turn east off Rt 272 between Ephrata and Akron, Goodwill Store on to Steinmetz Rd to Parkview Hgts Rd Harry R Landis, Owner T Glenn and Timothy G Horst, Auctioneers

SAT JULY 30 - 9 AM Public Auction of Tractors and Farm Equipment Located from Interstate 81 south of Martinsburg, WV, take exit #5, Inwood, WV, Rt 51 east approx. 3½ mi to Shutts' Cash Grocery, formerly Haines' turn right, .2 of a mi. to sale or from Charles Town, WV, take Rt. 51 west, go approx. 8 mi. to Shutts', turn left, .2 of a mi to sale. Edgar A Bohrer, Sale Manager

SAT JULY 30 - 10 AM Public Auction of Restaurant Equipment. Located at Large Brick Warehouse on Corner of Grant and Kennedy Sts., Chambersburg, PA J Rodger Wildesen, Auctioneer.

SAT JULY 30 - 12 Noon Public Auction of Cattle, Machinery and Truck Located 3 mi. from Sabinsville, PA, 7 mi from Westfield, ½ mi from Beechwood Lake, Tioga Co. Mr. and Mrs Andrew Treat, Owners Beards, Auctioneer

AUGUST

MON AUG 1 - 5 30 PM Public Auction of Misc Lumber and Other Items Located just off E Farmersville Rd , lane next to Farmersville Fire Hall, Farmersville, PA Betty Ann Stauffer, Owners T Glenn and Timothy G Horst, Auctioneers

MON AUG. 1 10 AM Public Auction of Antique Furniture, Clocks, Glass, China and Collectibles. Located at the Frederick Fairgrounds, Frederick, MD Mr Ed Houck, Owner. Austin Bohn, Auctioneer

TUES AUG 2 11 AM Public Auction of Strip Coal Mine Operation Excavating Equipment. Located in Hazelton, PA, Luzerne Co , Pardeesville Rd , 1¼ mi. north of Holiday inn, Hazelton, PA, Rt 309, 1½ mi east of Rt 309 Wm F Comly and Son, Inc , Auctioneers

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EXECUTORS
PUBLIC AUCTION
OF VALUABLE HOUSEHOLD GOODS, ANTIQUES & AUTOMOBILE

At the residence of the late Grace M. Smith (Briggsville) Nescopeck RD 1. Located 1 mi. West off Rte. 93 at 93 and 239 Junction, Berwick-Hazleton highway on Briggsville-Zenith Road. Follow sale arrows from Nescopeck Twp. Fire Hall, Luzerne Co. Pa.

SATURDAY, AUGUST 6, 1983

10 A.M. Sharp — Rain or Shine

HOUSEHOLD GOODS

3 piece bedroom suite complete, 2 double beds complete, chests of drawers, dressers, night stands, 3 piece living room suite, corner and end tables, lamps, wall mirrors, flower stands, Zenith console color TV, Daveno bed, occasional chairs and ottoman, several rocking chairs, dining room table w/3 boards and 4 matching chairs, Frigidaire double door ref., chest freezer, automatic washer, cabinet model Singer sewing machine, card table w/chairs, sweeper, lawn furniture of every description. Emerson AM/FM table radio, 55 cup automatic coffee maker, lge. and small electrical appliances, kitchen and cooking utensils of every description. Cast iron cookware, 2 burner portable gas stove, office safe, ice cream freezer, folding table, Philco portable TV, lot of knick-knacks.

Automobile - 1973 Buick Century, 4 dr. sedan, V-8, 350 engine, 2 barrel carburetor in excel. condt., bought new, always garaged, with only approx. 12,000 miles. To be sold at 1 P.M. A real cream puff. If you're looking for an auto, don't miss this one.

Antique auto - 1930 Oldsmobile, 4 dr., sdn., 6 cyl., flat head, running condt., 1980 inspection, 2 spare tires, spoked wheels, original condt.

ANTIQUES

3 drawer oak dresser w/mirror, 5 drawer oak sewing cabinet, oak roll-top desk w/pigeon holes, swivel chair, blanket chest, drop-leaf table, several hand-made quilts, lot of crocheted doilies, afghan, several nice bedspreads, lot of bedding, brass trombone, violin uke, high chair, Roseville pottery, carnival glass, pressed glass, china, Depression glass and other dishes and glassware. Crock batter pitcher, open crocks, crock jugs of assorted sizes, slaw cutter, 1847 Roger Bros. silverware, misc. other silverware. Christmas ornaments, lot of old tins incl. from Imperial Peanut & Coffee Co., Wilkes-Barre, Pa. Bottom and back from sleigh or buggy seat, kerosene lamp, old bottles, canning jars, old crocks, butter ladle, butter mold, cream separator, scales, scrapple pans, ice tongs, butter churn, mantle clock, pot belly stove, market baskets, etc. Pool table, Brunswick slate top table complete w/pool sticks, racks, balls, etc., IBM office typewriter, mounted deer heads, pheasants, Agway 20" mower w/grass catcher, like new, orchard and step ladders, hand, garden, and carpenter tools of every description. Lawn spreader, lot of walnut lumber and other items too numerous to mention.

Terms of Sale: Cash.

Auctioneer note — Nice, clean merchandise. Don't miss this opportunity to buy one of Mrs. Smith's hand-made quilts (nice selection).

Estate of
GRACE M. SMITH
Executors

Raymond Smith 379-3780
Merlin Smith 379-3288

Auctioneers:
Albert Broyan & Dennis Briggs
of Nescopeck, Pa. 717-379-3286

SATURDAY, AUGUST 13, 1983
REGISTERED MORGAN HORSE SALE

Approximately 35 head.

Location - Quentin Riding Club, Quentin, Pa:
Time - Preview 10:00 A.M.
Sale 2:00 P.M. Sharp

Managers - Browns' Hoss-pitality Stables.
Call for information or catalog
717-273-3016

AUCTIONS COMING UP

SAT. AUG. 20-Sale of Carpenter's & Cement Tools, nice line-dispersal. Located 3 mi. east of Pine Grove. Raymond and Ruth Hurst, owners.

SAT. SEPT. 10-Honey Brook Fire Co. Benefit Auction

FRI. SEPT. 16-7:30 PM. Sale of Reg. Heifers. An opportunity to buy some top animals.

SAT. SEPT. 17-Sale of Quilts, Handcrafts, all kinds of Goods. Plan to spend the day with us at West Fallowfield Christian School, 1 mi. west of Octorara school on old Rt. 41.

SAT. SEPT. 24-Sale of 10 Acre Farmette, Household Goods, Tools, etc. Located 1 mile east of Intercourse. Emanuel Lapp, owner.

SAT. OCT. 8-Weavertown School Benefit located 1 mile east of Bird in Hand on Church Road.

SAT. NOV. 5-Sale at Metropolitan Christian School, Alexandria, VA

For complete auction service
717-786-4624
Steve & Anna Petersheim
Box 152, Bart, PA 17503

PUBLIC SALE
OF ANTIQUES, HOUSEHOLD GOODS, FARM EQUIPMENT & TOOLS
SATURDAY, AUGUST 13, 1983

at 10:00 A.M.

Located along Marticville Rd. RD#1 Conestoga, PA (take Marticville Rd Rt. 324 about 4 miles south of New Danville to sale)

Baldwin elec. dble. key organ in cherry case, Kelv. chest freezer, Magic Chef apt. size elec. stove, gas heater, Sigler oil space heater, Ashler wood stove, iron chunk wood stove. Furniture in: pine, walnut, oak, plank bottom, mahg., chrome, etc. Picture frames, old post card albums, log cabin quilt, German bisque doll w/S. Iron, tin, agate, & wooden articles. Glassware & china in: German, pressed, opalescent, pink dep., milkglass, carnival, English, & everyday. Household articles. Farm Equip.: New Holland baler, McDeering 2 bottom plow & side delivery rack, J.D. grain drill, combine, manure spreader, etc. Hand Tools. Chicken articles. Other misc. articles not listed.

Not Responsible for Accidents Day of Sale
Food Served
No Out of State Checks

Sale by
MR. & MRS. CLAUDE MILLER
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Auctioneers

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If you've been considering a
TROY-BILT TILLER:

- Off-Season Savings

Now's your best time to save on a Troy-Bilt® Roto Tiller-Power Composter...the tiller now owned by over ½ million gardeners. Perfect for sodbusting, cultivating and power composting valuable organic matter into your garden soil. Come see all Troy-Bilt Tillers and try just one hand tilling for yourself. Come in today and save.

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Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

TUES AUG 2 - 10 AM Public Auction of Cattle, Machinery and Real Estate Located on State Rd , 3 mi from Middlebury Center, PA, 10 mi from Wellsboro, PA Ralph G Brown, Owner Gordon Wood, Auctioneer

WED AUG 3 5 30 PM Public Auction of Antiques, Household Goods, Wood Stove, Train and Old Tools Located in the Al Starr Comm Bldg , Willow Street, PA, along north Rt 272 behind firehall in Willow Street Howard Shaub and Roy C Probst, Auctioneers.

WED AUG 3 10 AM Public Auction of State Surplus Property Located at Laurelton Center, 18 mi west of Lewisburg on Rt 45 General Services Division, Owner John Autotore and John Autotore, Jr , Auctioneers

THURS AUG 4 Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

FRI AUG 5 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI AUG 5 - 1 PM Public Auction of Cigar Factory Located at 91 W Main St , Windsor, PA House of Windsor, Inc , Owner Dale R Peters, Auctioneer

FRI AUG 5 1 PM and SAT AUG 6 9 AM Public Auction of Antiques, Furniture, Primitives, Tools and 1930 Ford Model A Located at 2975 Lincoln Highway East, along Rt. 30, approx 6 mi east of Lancaster, PA Edward E Bollinger, Owner Ron Funk Auctions

SAT AUG 6 - 9 AM Public Auction of Real Estate. Located at 11 W. Kendig Rd , village of Willow Street, West Lampeter Twp., Lanc. Co , PA, take Rt 272 south of Lancaster to Willow Valley, continue to Rt 272 south to the second intersection, Kendig Rd., turn left to sale Hattie Landis Estate. Howard Shaub and Roy C Probst, Auctioneers

SAT AUG 6 10 30 AM Public Consignment Auction of Farm Tractors, Farm & Construction Equipment and Antiques and Older Tractors Located at Goodrich Auction Service, Rt. 38 and 38B, Newark Valley, NY

CONSIGNMENT SALE OF FARM EQUIPMENT

OPEN TO EVERYONE
THURSDAY, AUG. 25, 1983
10 A.M. Rain or Shine

Everetts Corner Rt 44 & 300, 6 miles East of Sudlersville, Md. 12 miles West of Smyrna, Del.

EQUIPMENT ACCEPTED on AUGUST 22-23-24 from 8 A.M. to 5 P.M.

For information call
Marvel Everett
302-653-7532 or
Clarence T. Scuse
302-653-7530
Auctioneers & Sales Mgr.
C.T. Scuse & Sons
Marvel Everett

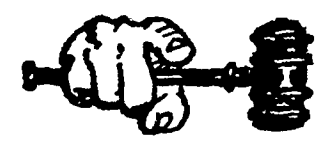
PUBLIC SALE

OF ANTIQUES, HOUSEHOLD GOODS, WOOD STOVE, TRAIN & OLD TOOLS
WED. EVE. AUGUST 3, 1983
At 5:30 p.m.

Sale to be held in the Al Starr Comm. Building, Willow Street, PA (loc. along north Rt. 272 behind firehall in Willow Street)

Kodiak woodstove w/fireplace insert, Quasar floor model color TV, Whirlpool 13' refrig., Antique Furniture in: walnut, vic., plank bottom, pine, oak, mahg., pine, maple, chestnut, etc. Uph. & metal furniture. Allstate elec. train set & yard articles. Frames, baskets. Articles in: iron, brass, tin, copper, wood, etc. Nice blue patch quilt & other bedding. Half shade elec. lamp w/painted shade & base. Glassware & China in: gr. & blue opalescent, blue onion, cut glass, pressed, colonial, Jap., etc. Misc. everyday glassware & china, misc. household goods. Old Tools: Planes, augers, rules, squares, hoe, fork, etc. Not responsible for accidents day of sale. Food Served. No out of state checks.

Sale by
Agent for Owner
Howard Shaub 464-3541
and Roy C. Probst
Auctioneers



PUBLIC SALE

OF BUTCHER EQUIPMENT
CAR, TOOLS, ETC.
THURS. EVE., AUGUST 4, 1983
At 6:00 P.M.

No. 26 Zook Lane off of New Holland Pike at Zook's Corner between Eden and Leola, Pa.

Overhead Track and Scales; 1 Ton Chain Hoist; Toledo Chopper; Sausage Stuffer; Lard Press; Steak Cuber; Electric or Manual Meat Slicer; Clorinator; Toledo Computing Scales; 3 large Iron Kettles; Electric Knife Sharpener; Cleavers; Wrapping Paper and Racks; Refrigerator Unit with 3 H.P. Motor, water cooled; Butcher Tables.

Dippers; Stirrers; lot of Meat Hooks and Rack; Pulleys; Pea Scales; Rope; Steer Gate; Drop Gate; Pen Doors; Refrigerator Doors; Cattle Cane; 22 Rifle and Kit; Ladders; 4 Stepladders; lot Fire Wood; 4 Wheel Cart; Shop Tools; 1973 Ford Pinto Country Squire Sedan, Etc.

Terms by
MRS. ENOS G. HOWERY

Auctioneers
Frank L. Steller, 656-8195
Robert and Jeffrey Martin, 656-7770
(No Out of State Checks)

SPECIAL ALL DAY PUBLIC SALE FRIDAY, AUGUST 12, 1983

9:00 A.M.

NEW HOLLAND SALES STABLES, INC.
12 miles east of Lancaster, Pa. at New Holland, Pa.

Sale of Small Items 9:00 A.M. Farm Equipment 11:00 A.M.

FARM EQUIPMENT

TRACTORS - JD 730 Gas, MF 180 Diesel, JD B, IH 1066 Diesel, MF 255 Diesel, JD 4020 Diesel/power shift, dual hyd., AC H3 crawler w/blade, Case 930 standard Diesel, Ford 7600 Diesel, Case 1410 Diesel, Case 995 Diesel, MF 1130 Diesel, New Stoltzfus semi-liquid manure spreader, NI 206 Spreader 95 bu., NI 214 spreader 200 bu., JD 54 spreader 220 bu., NI 213 spreader 175 bu., spin spreader 700 lb. capacity, NH 518 spreader, NI 12A Spreader, New NI 213 Spreader; Small IH 100 Manure spreader on rubber, IH 200 ground driven manure spreader, JI Case 1816B skid loader, Bobcat skid loader, JD 24T Baler, NH 68 Baler, JD 24T Baler, NH 67 Engine Baler, NH 269 w/thrower, JD 336 w/thrower, NH 851 round baler, IH Hay Conditioner, IH 990 Mower Conditioner, Cunningham Conditioner, NH 404 crimper, AC Crimper, good condition; Farmhand Wheel rake, MF 3 pt. mower, NH Super 23 Blower, JD 65 Blower, Ford 618 Blower, Fox chopper w/hopper blower, NH 26 blower, JD 65 Blower, IH 3 ton wagon gear; JD FB 17x7 grain drill, Ontario Grain Drill on steel, Oliver Superior 16 disc drill, Jary Sickle bar mower; 80 bushel gravity box, McD Corn Binder with long loader and motor, good condition; NI 325 picker 30" row w/corn sheller, Fox 728 corn head 2 row, New NI 323 corn picker, New NI 325 2 row narrow corn picker, IH rotary hoe 3 pt., Oliver 242 12' disc harrow, 9' spring tooth harrow, JD 422 2 way plow, JD 4 Btm. plow, JD 2 Btm. plow, JD H 1 Btm. plow, Bush Hog offset 146 disc, 1 bottom plow, spring harrow, JD wagon with dump bed, New Idea #325 2 row corn picker with super sheller, Sauder Loader, Owatonna 470 grinder-mixer with square bale feeder, Bearcat 10' roller harrow, Dozer blade 10', Sprayer Boom 28', NH #8 Fg. wagon w/tandem axle running gear w/roof and 3 beaters, MC 9E Rotary scythe. Forage Harvesters- NH 717, NH Super 717, NH 890.

DAIRY EQUIPMENT - 410 gal. bulk tank, 100 lb. dumping station, Bender washing jar, 30' glass Surge 1½" pipeline, Surge electo-brain pipeline washer, 50 lb. DeLaval electric pail milker, cattle waterer.

MISCELLANEOUS - 4 cords firewood, 300 gallon gas tank on skids, Majestic kitchen range, shrubbery and small trees.

Patz #2 barn cleaner w/18" slides, 10 ft. slide, 250 ft. chain.

10 Used passenger car tires sizes P205x15, GR-78x15-LR-78x15; 3 used pickup truck tires size 7:50x16x6 ply; 10 window screens/full length/regular screens; 50 dz brand new jar lids/regular jar lids for canning; various brand new: IHC farm implement parts such as plow bottom shins, various sprockets, bearings and other IHC parts, 1 new toilet comode.

—Bring a load, Buy a load—
—Next Equipment Sale - Friday, November 11th—

Register early sale day in main office for your buyer's number.
All new buyers and out of state buyers must have current letter of credit from bank.
Abe Diffenbach, Manager
For more information contact Abe Diffenbach or Norman Kolb at 717-354-4341.

LARGE 2 DAY AUCTION

ANTIQUES, FURNITURE, PRIMITIVES
TOOLS & 1930 FORD MODEL A
FRIDAY, AUGUST 5, 1983 — 1:00 P.M.
SATURDAY, AUGUST 6, 1983 — 9:00 A.M.

Located at 2975 Lincoln Highway East, along Rt. 30 approx. 6 miles East of Lancaster, PA.

• **Early School Masters desk with gallery;** Rare 1850 Lancaster City map by Moody & Bridgens; Hanging utility cupboard with glass doors; Empire shaving mirror; Lift top dry sink with drawer; Ladder back rush seat chairs; **5 Drawer walnut chest;** Early 2 drawer blanket chest; 1897 Retail Druggist match safe; Picture frames; Spinning wheel; Leather maker's bench; Yarn winder; Linden Wood coffee tables; Hepplewhite style table, **Empire marble top washstand;** Oak wash stand; 2 Door 2 Drawer jelly cupboard; Early dovetailed blanket chest; **Stoneware blue leaf sugar bucket;** Chas. A. Grove Lancaster jug; 2 Quilts; 4 Drawer Empire chest; Moravian style chair; Night stand with drawer; File cabinet, Ladies French painted desk with chair; Large blanket chest; **3/4 Size pine rope bed;** Captains chair; Cheese cutter rush seat rocker; Ornate quilt rack; **Marlin Model 94 Lever action 25-20 cal. rifle; Small dressing mirror; 2 small stain glass windows; Cane seat rocker; Walnut ornate towel rack; 6 Pc. wash bowl & pitcher set;** Pine wash stand; 2-4 section stack Mahogany book cases, glass doors; Record cabinet; End tables; **Florence Taylor paintings;** Record player; Umbrella stand; Marble top table; 3 Pc. Edwardian living room suite; Victorian love seat; Rayo lamp with shade; **Red satin gone with wind lamps — nice;** Library table; 50 pcs. of Fiesta dishes; Cowden Decorated stoneware jug; **O.P. Shenfelder — Reading blue decorated jug;** Cobalt jug with flower; Half shade lamp, Double bed; Salts; Angels; Pewter items; **Steinway baby grand piano — nice;** Glass top table; Brass items; 4 pc. Wicker set; Large 2 door pine jelly cupboard; Marble top scale; **Early walnut drop leaf table;** 1/2 Gallon blue decorated crock; Patterson N J. Crock, Mortor & pestel; R.R bucket; Cowden Harrisburg jugs, 6 gal. Crock; Coal oil lamps; Cobblers bench; **Early baskets;** Large & small copper kettles; Fish scales; 2 Oak carved arm chairs; Pine bench; R R. print; German beer steins; Apple peeler, Chairs; Lawn Chairs; Cobalt jug; Trunk; **Blue decorated stoneware pitcher;** Butter scales; Sterling top salts; 4 shelf book case; Linens & Towels; Oak gingerbread shelf clock; Great Western wooden train set; Carbide lamp; Milk bottle; Water bag; Xmas decorations; Oak treadle sewing machine; F H. cowden jugs; Typewriter; Flatware; plank bottom chairs; Cupboards full of dishware; Dovetailed painted blanket chest; Wall mirrors; Platters; Pewter items; Sad irons; Oak Victorian table; Early quality stove; Books; Gravely mower & attachments; Rockwell 4 speed wood lathe on stand; Champion blower & forge; Wooden wheelbarrow; Air compressor; Riding grindstone; Lanterns; 2 plate stove; Florin pot belly stove; 4 in. Vise; Anvil on block; **Craftsman 10 in. Radial arm saw on stand;** 14 Drawer cabinet; Wicker rocker; Ladders; Sleds; 1/4 in. Window glass; Early tool chest; Wagon seat; Swivel desk chairs; **Walker Turner drill press;** Cast iron trough; Early iron locks; Wine press; Cigar presses; **Early Sunday News paper wagon;** Old lobster trap; 2 Door cabinet; Linden 3 ft diameter slab & planks; Wooden wagon wheels; Bean planter; **Approx. 1000's B.F. of Walnut lumber;** Strap hinges; Cherry pitter; Craftsman table saw; Buggy lamp; Ladle; Stainless steel tanks; Crocks; Hand, garden, carpenter tools. Barn is full — Large Auction.

Terms & Auctioneer Note:
- **Lunch Available — Large Auction**
- **Auction Under Tent If Rain — Bring Your Chairs**
- **Personal Property — Cash — No Out Of State Checks**
- **Not Responsible For Accidents Day Of Auction**
- **All Statements Made Day Of Auction Take Precedence Over All Previous Advertising.**

NO BUYERS FEE AT THIS AUCTION	**1930 Ford Model A 2 Door Sedan — Nice Sold Saturday at 1:00 P.M.**

Terms By:
EDWARD E. BOLLINGER
RON FUNK AUCTIONS
AUCTIONEERS ★ APPRAISERS ★ LIQUIDATORS

GORDON RESSLER	34 N. Vintage Road	JEFF KNOSP
Auctioneer	Paradise, PA 17562	Auctioneer
687-7402	717/442-4279	687-6539

★ AUCTION SERVICE SINCE 1961 ★
WE want to be your auctioneer!
For free confidential auction estimate call. 717-442-4279

For Sale

David Good's Sale

August 3, 1983

20,000 lbs. of I-beams & structural steel

AUTOTORE'S AUCTION

STATE SURPLUS PROPERTY

WEDNESDAY, AUGUST 3, 1983

Starting at 10 A.M.

Loc. - Laurelton Center - 18 miles west of Lewisburg on Rt. 45.

Dental chairs, Autoclave sterilizer, domestic elec. Singer sewing machines, calculators, 3M copier, oak desks, round dining tables, auditorium seats, fire extinguishers, postage scales, long wood tables, metal wardrobes, food trays, glasses, dishes, bake pans, bread pans, pasteurizer SV300 S.S. complete, milk can washer, ice cream cans, IBM typewriters, 2 man saw, (clothing new) socks, size 8 girls panties, 2 & 3 training panties, size 24 & 28 mens underwear, size 32-38 mens union suites, rubbers size 12-14, children shoes 8½ to 12, men dress shoes size 3 to 12, lots of woman shoes, dresses 12½-22, little girls sneakers 10-12½ etc., ironing boards, lap looms, assorted yarn, walkers, chairs, beds, used tires, lg. scrap pile w/S.S. items, new guernies, portable potties, TV's, plus many unlisted items.

Terms - Cash

Seller

GENERAL SERVICES DIVISION

Auctioneers - John Autotore 784-3506
John Jr. 784-0381

NOTE * * ALL ITEMS ARE TAXABLE ** NO EXCEPTIONS. (You must have tax number or you will pay tax)

FARM MACHINERY

CONSIGNMENT AUCTION

ADVANCE NOTICE!

By request we will conduct a fall "round up auction" of farmer owned machinery and implements at the Terry Wilkins Farm located on Rte. 371 midway between Cohocton and North Cohocton, N.Y. on

FRIDAY, SEPT. 2, 1983

Plan to turn your excess machinery into cash at this established marketplace! Watch this paper for details!

PIRRUNG AUCTIONEERS, INC.
Box 365 Wayland, N.Y. 14572
Phone 716-728-2520

PA'S 6th PERFORMANCE TESTED BOAR SALE

WEDNESDAY, AUG. 24, 1983

6:00 P.M.

AT-
PENNSYLVANIA DEPARTMENT
OF AGRICULTURE'S
MEAT ANIMAL EVALUATION CENTER
651 Fox Hollow Road
State College, PA 16801

SELLING APPROXIMATELY 60 BOARS

PA Pork Producers Council Will
Conduct A Free Drawing
Prizes Are Four $100 Buying Certificates
Towards Boar Purchase

Boars on Test Include:

8 - Berkshire	8 - Landrace
4 - Chester White	4 - Spots
16 Durocs	28 Yorkshire
12 Hampshire	

Catalogs Available About
August 10, 1983
For Information Call. 814-238-2527

Avg. Daily Gain For
80 Boars As of June 21, 1983
Is 2.11 lbs./Day

Sponsored By
The Pennsylvania Department
of Agriculture In Cooperation With
The Penn State University
And The PA Pork Producers Council

AUCTION SALE

COMPLETE LIQUIDATION OF THOMPSON TRUCK SERVICE

FRIDAY, AUGUST 5, 1983

At 11 A.M.

Located on Routes 131 & 41 Avondale, Pa. in old Pensupreme Bldg.

1983 Ford Ranger pickup XL (23,000 mi), Campbell Hausfeld Air Compressor 3 phase 5 HP complete (80 gal.) Lincoln welder, Coates 10-10 tire machine, ¾ & 1" air guns w. attach. Gray TNT550 air lift, Hein Werner 10 ton floor jack, walker wheel dolly, Walker 2½ ton air jack, ½ ton floor jack, lg. & sm. jack stands, snap-on charging system tester & air condition Service center, Marquette battery charger, Jet transmission jack, Citation steam cleaner, grease & oil lube equip, 2 torch sets, Northwestern 3 ton crane lift & 20 ton press, port. oil heater, 2 Knoll V450 waste oil heaters, chain hoist & trolley, come-a-longs, engine stand, headlight service center (complete), Homelite generator, Lawrence battery end kit, Armeter & starter cutter, nuts, bolts, clamps, misc. tune up tools, cabinets, filters, misc. parts etc. Burglar alarm, air conditioner, office desk & chair, file cabinets, books & manuals, adding machine, check writer, shop vac, tap & die set, bench grinder, vise, bench, misc. batteries, cooling system tester, flourescent lights, 4 pole lights, headache rack, hand tools, used truck tires, 48" pipe wrench, fire extinguishers, motor oil, creepers, first aid kit & items not mentioned. Mdse. in excellent condition (2 yrs. old)

Terms: cash, certified checks or bank letter only.

Owner

JOHN THOMPSON

Auctioneers
Harold S. Hill & Son
215-274-8525

AUCTION

FORD TRACTOR, JOHN DEERE LAWN TRACTOR, TOOLS, FURNISHINGS, HOUSEHOLD GOODS GUN, COLLECTABLES

FOR:
CHARLES J. & RUTH V. McARTHUR
Rt. 309 & Trewigtown Rd.
Colmar, PA

TUESDAY, AUGUST 9, 1983

10:00 A.M.

EQUIPMENT & TOOLS — Ford 9N Tractor, John Deere 300 Hydrostatic lawn tractor, J.D. scraper blade, J.D. lawn sweeper, Ferg 3 pt. hitch utility box, heavy duty gas log splitter, Weidenhoff bearing press, Garwood p.t.o. winch (20 ton), air compressor, paint sprayer, cutting torch, flame thrower, elec. motors, 8' wood pickup racks, machinist tools & die maker's tools, sm. grinder, hardware workbench, louvered barn fan, alum. stepladder, ext. cords, rotary mower, wheelbarrow, elec. hedge & grass trimmer, plastic mortar box, hand & garden tools, Para Dome II sec. screen house w/table, lawn chairs, camping equipment.

FURNISHINGS & COLLECTABLES — Curly maple veneer dresser, chest on chest & night stand, maple rocker, lined oak china cabinet, harvest table (Formica top), maple chairs, Singer sewing machine, G.E. & Adm. refrigerators, port. T.V. set B & W, elec. appliances, household utensils, cookware, Franklin stove M/BF26 (new), kero. heater, quilts, linens, braided rugs.

GUN — Stevens M/86 repeating rifle. Old tin hunting licenses, oil painting by A. R. Bailey.

TERMS — CASH LUNCH

Sanford A. Alderfer, Inc.
REAL ESTATE BROKERS and AUCTIONEERS
665 Harleysville Pike (Rt 113)
Box 1, Harleysville PA 19438
215-723-1171 or 256-8892

Public Auction Register

Closing Date - Monday, 5.00 P M
of each week's publication

SAT AUG 6 10 AM Public Auction of Farm Machinery and Equipment, Tools, 1940's Lionel Train, Household and Scrap Located in Beach Haven, PA, 4 mi north of Berwick, PA, US Rt 11, turn at Suzuki Valley Store, 1½ mi to auction Melvin Cope, Owner Nevius Auction Service

SAT AUG 6 10 AM Public Auction of Real Auction of Real Estate, Household and Antiques Located in center of Liberty on old Rt 15. Robert Smith Estate Ron Mase, Auctioneer

SAT AUG 6 10 AM Public Auction of Real Estate, Household Goods and Tools Located along Lynch Rd, just off Rt 897 across from Spring Gulch Campground, approx 4 mi north of White Horse, Salisbury Twp, Lanc Co, PA Lloyd H Howe, Owners T Glenn and Timothy G Horst, Auctioneers

SAT AUG. 6 - 9 AM Public Auction of Meat Equipment, Store Equipment and Groceries Located in Cumberland Co., PA, 1 mi north of Shippensburg along Rt 11 Leinbach Farm Market, Owner Melvin and Lamar Sensenig, Auctioneers

SAT AUG 6 12 30 PM Public Auction of Cattle Located at Highland Farms on Fox Rd, off Rt 19, Wyoming, NY 22nd Annual Niagra Frontier Registered Jersey Sale William Kent, Inc, Auctioneer.

SAT AUG 6 9 30 AM Public Auction of Construction Equipment Located 1 mi west of Shippensburg, Franklin Co, PA, along Rt 533, Shippensburg to Orrstown Rd John Spidle Excavating, Owner Ralph W Horst, Auctioneer

SAT AUG 6 10 AM Abram S & Mable Brandt's Public Sale of Household Goods and Tools located at 127 West High St, Manheim, Pa Sale by Allen S Brandt and Grace Maurer POA, C H Wolgemuth and H Shaffner, Auctioneers

TUES. AUG 9 - 10 AM Public Auction of Farm Equipment and Tools. Located at Rt. 309 and Trewigtown Rd, Colmar, PA Charles J and Ruth V McArthur, Owners Sanford A Alderfer, Inc, Auctioneers

THURS. AUG 11 and FRI AUG 12 9 AM Public Auction of Farm Equipment. Located 6 mi south of Chambersburg, PA, 1 mi east of Marion, just east off Rt 81 at Marion Exit No. 4 along RT 914 Ralph W. Horst, Manager Rentzel, Wolgemuth, Bohrer, Upperman, Speicher, Harry, and Gossert, Auctioneers

FRI AUG 12 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

FRI AUG 12 9 AM Public Auction of Farm Equipment and Supplies to be held at New Holland Sales Stables, Inc, 12 miles east of Lancaster off Rt 23 at New Holland, Pa Abe Diffenbach, Manager

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ANNUAL AUGUST CONSIGNMENT AUCTION

AT
MAPLE GROVE AUCTION COMPANY
Route 87, Chestnut Hill, Columbia, CT. 06237

SATURDAY, AUG. 20, 1983

AT 10:00 A.M.

Featured at this auction from Vaszauskas Brothers who have changed their crop program, the following items which have been moved to our Auction site for your convenience:

FOUR SELF-PROPELLED FOX CHOPPERS IN EXCEPTIONAL CONDITION!

Fox #6654 S/P/C FWD, 6V-71 Det. Dsl. w/A.C. cab, new in 1980 with 3 30' row head, elec. sharpener, auto. bev, aux. hyds., in excellent condition.

2 Fox #6644's S/P/C FWD, 6V-71 Det. Dsl. w/3 30" row head, elec. sharpener, auto. bev's, the 1979 has aux. hyds., & cab, and is in excellent condition, the other is a 1977 in good condition.

Fox 1976 #4444 S/P/C FWD, 4-71 Det. Dsl. w/A.C. & heated Cab, w/3 30" head, elec. sharpener in good condition.

CHOPPERS, UNI-SHELLERS, FORAGE BOXES, HUSKERS, HEADS, DUMP TRUCKS & EQUIPMENT

Fox #2310 2 row, P.T.O. harvester, did 50 acres; I.H. #830, 2R., P.T.O. harvester N.I. #704 uni-sheller, uni-tractor w/cab, heater & Rice tires, 1976; N.I. #729A uni-sheller, (needs shaker); Knight #17-7 16- Forage Box on 6 wh., 12 T., Knowle w/triple auger/beater, ex. cond., Richardson 14' dump box, 12 T., w/military tires; N.I. #725 husker; Fox #853 3R. adj. belt cornhead; Fox #263 3R. 30" chain head; Fox #378 3R. adj. snapper head, Fox #476 grass 6' pick-up head; Fox #753 3R. 30" belt cornhead w/all modifications; N.I. #735 3R. cornhead; 16' alum. belt harvest handler conv. w/whls.; Fox P.T.O. Hopper/blower; Athens #250 offset disc harrow; Oliver 14' disc harrow; MidWest 12' lift, smoothing harrow; Brillion cultipacker; Brady #630, 16' flail mower & windrower; F.M.C. 72" rotary cutter; Powell 3ph transplanter; White #6342 on land reducible to 4 btm., 18" bottoms, roll-over 2 way plow; M&M 3/btm. trip plow; M.F. #20 3ph side del. rake; 1971 Dia. Reo #671 tandem w/24' side dump silage body, Det. dsl.; 1966 I.H. tandem #1800, 18' side dump silage body, rebuilt engine; 1979 Dodge #400, 1¼ T., FWD, w/dual whls., 9' flat body; 1963 Heil 4300 gal., tandem, 3 compt. alum. tank trlr.; 1950 Ford, 500 gal. FWD trk; 18' Midwest platform dump body w/hoist & silage sides (body only); 6V-53 Det. dsl. eng.; Leon 8' univ. mount dozer blade; Killbros #350 gear box; Davis 5000 gal. Ind. steel tank trlr.; plus many more useful items.

20 large and small, gas and diesel farm tractors in most popular makes.

Platform Trucks, Platform Dumps, Road Tractors, Dump Trailers, Dump Trucks, Payloaders, Fork Lifts, Backhoe/Loaders, Dozers, Tag-a-Longs, Harvesting Equipment, Agricultural Equipment and Implements, and so forth.

Equipment Transportation Available
Buyer Registration at 8:00 A.M. sale day
Good Food All Day-Ample Parking-Rain or Shine

TERMS: Cash or check day of sale. On Large Purchases, 25% day of sale. Satisfactory settlement of MGAC prior to removal of purchases. Announcements day of sale supercede previously announced terms and conditions.

See next months Ag-Review and other Northeast publications for a more detailed listing of additional consignments.

This is cranking up to be the sale of all sales! It should be worth a trip from most anywhere. By sale day we will have over 300 pieces of good equipment in ready to go condition for you to choose from.

If you need it ..... we probably have it.
If we have it ..... you most probably need it

Additional consignments accepted. Call your consignments in early so that we may give them maximum exposure through our Northeast network of advertising. The competitive auction can out-perform any other marketing method to quickly and efficiently sell your merchandise at fair market value through collective marketing.

For auction information and flyers, call or write:

Sale Managed By
MAPLE GROVE AUCTION COMPANY
Chestnut Hill, Columbia, Ct. 06237
203-228-0010

Public Auction Register

Closing Date - Monday, 5 00 P M of each week's publication

SAT AUG 13 9 AM Public Auction of Antiques, Collectibles and Personal Property Located in the village of Pitman, Schuylkill Co , PA, watch for auction sign along Rt 125 in Mahantongo Valley midway between Hegins and Shamokin Warren C and Jean I Snyder, Owners George and Mike Deibert, Auctioneers

SAT AUG 13-9 AM Kutztown Comm Fire Co 5th Annual Consignment Sale located on Rt 645 approx 1½ mi north of Myerstown, PA

SAT AUG. 13 12 Noon Public Auction of Antiques, Collectibles, Old Indian Items, and Etc Located in the Square, New Cumberland, PA Benefit for American Indian Foundation

SAT AUG 13 9 30 AM Public Auction of Backhoes, Derrick, Trucks and Vehicles Located in Orange and Rockland's Shop Facility on 75 West Rt 59 in Spring Valley, NY Vilsmeier Auction Co , Inc

SAT AUG 13 10 AM Public Auction of Antiques, Household Goods, Farm Equipment and Tools. Located along Marticville Rd , RD 1, Conestoga, PA, take Marticville Rd , Rt 324 about 4 mi south of New Danville to sale Mr and Mrs Clyde D Miller, Owner Roy C Probst and Howard Shaub, Auctioneers

SAT AUG 13 2 PM Public Auction of Horses Located at the Quentin Riding Club, Quentin, PA Browns' Hoss pitality Stables

TUES AUG 16 5 30 PM Public Auction of Building Lots Located in Benton on Rt 487 and Hiscox Rd , south of bridge toward Bloomsburg Joseph and Philip Mascaro, Owners John Autotore and John Autotore, Jr , Auctioneers

TUES AUG 16 4 PM and WED AUG 17 9 30 AM Public Auction of Primitives, Glass and Small Items Located at Troxelville Antiques, Troxelville, PA Joe Herman, Owner Mark J Jones and Dale L Longacre Auctioneers

THURS AUG 18 Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD

THURS AUG 18 7 30 PM Public Auction of Farm Implements to be held ½ mi north of Bowmansville off Rt. 625 at J Roy Wise Const Warehouse along East Bowmansville Road in Brecknock Twp , Lancaster Co , PA Sale by J Roy Wise Leroy Horst Auctioneer

THURS AUG. 18 5 PM Public Auction of Real Estate, Antiques, Automobiles and Farm Machinery Located taking Rt 176 south, exit 2, Green Hills Exit, look for sale signs, next to Green Hills Restaurant, Old Rt 10 Morgantown, Rd William R Trate, Owner Ron Rhoads, Auctioneer

FRI AUG 19 - 6 PM Public Auction of Bred Gilts and Boars Located at the Lebanon Area Fairgrounds, Cornwall and Evergreen Rds , 1½ mi. south of Lebanon, PA Leon and Lawrence Arnold Harry Bachman, Auctioneer

FRI AUG 19 - 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge Ira Stoltzfus & Son, Auctioneers

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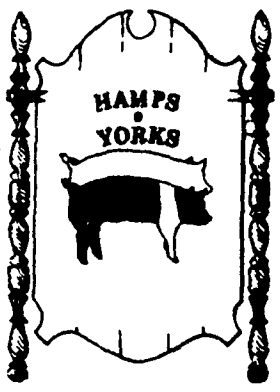
PRODUCTION SALE



SATURDAY, AUGUST 20, 1983
7:00 p.m.

30 BOARS 90 GILTS

Littermate Boars at Del. Test Staion

Details on results in future ads

Call (301) 751-1287

Franklin Feeser
Box 372
Taneytown, Md. 21787

"We guarantee what we sell"

PUBLIC SALE

REAL ESTATE
FULL LINE OF CARPENTER & CEMENT TOOLS
PLUMBING TOOLS
BUILDING SUPPLIES & MATERIALS
SATURDAY, AUGUST 20, 1983
9:30 A.M.
Real Estate - 1:00 P.M.
Located in Schuylkill Co., PA, Washington Twp. 5 miles east of Pine Grove on Rt. 895.

TWO PROPERTIES

Lot No. 1 — 1¾ acre - Improvements thereon consist of 40 x 66 2 story dwelling, 3 bedrooms, living & family rooms, kitchen & dining rooms, combination full bath, laundry, also 2 bedroom apratment with living room, combination dining room & kitchen, & laundry. Apartment on 2nd floor - in nice condition. 1st floor has 3 bay garage & shop combination, all insulated & heated. Also 28 x 40 block storage building.

Lot No. 2 — Adjacent to lot No. 1, deeded separate - 2¾ acres with 30 x 60 bank barn, trout stream runs thru and along property.

For appointments to see real estate call (717) 345-3290

CARPENTER TOOLS ETC.

Craftsman 3 ft. wood lathe with motor; lathe tools Berger; builder transit bevel; 8 ft. Trim-A-Brake; ½" spindle shaper with motor, Craftsman; Bostitor air gun stapler; Part-O-Louvre cutter; 2 Craftsman sanders; Craftsman ½" router; 3 elec. hand drills, 1 Black & Decker ½"; Remington air nail gun Model 473; Black & Decker bit grinder, like new; Black & Decker vibrator sander; Craftsman tool & die set; 3 elec. cut off saws; levels - 2, 4, & 6 ft.; squares; hand tools; nails; bolts; milk cans; **Virginian Wood Stove**; Metal tool caddy chest.

CEMENT & PLUMBING TOOLS

Craftsman portable cement mixer, with gas engine; 7 sets steel scaffolding; metal roof jacks; Hydra Split stone splitter, model 888; aluminum planks; metal jin pole with block & pulley; **4000 watt portable alternator**; concrete metal forms & pins; 2 cement wheelbarrows; brick tongs; plastic mortar buckets; hyd. jacks; screw jacks; sledges; hammers; picks; 4 ft. magnesium float, 16 ft. sec. handle; 3 pole jacks, 22 ft.; 3 hp Briggs engine; mortar box; a lot of heavy cords; pipe threaders; pipe wrenches; pipe cutters; 3 bolt cutters.; pipe clamps, all sizes; 2 torches; 2 ext. ladders, 24 & 23 ft.; step ladders; all kinds of elec. supplies; barrels; 275 gal. fuel tank; weed sprayer; a lot of log chains; fabral painted steel roofing, 29 gauge 3 ft., random length; canvases; used hot water furnace; all kinds of PVC pipes; **hot air insert with 2 speed fan**; paints; shovels; 2x4's, random; 2x12 planks; odds & end lumber.

Approximately 100 bales mixed hay

Flat bed wagon with wide tread, New Holland gear, like new
18" 6 ft. Danuser auger, like new

Owners:
RAYMOND S. & RUTH HURST

Attorney: Richard Adams
Auctioneer:
Steve Petersheim
717-786-4624

GAP AUCTION

FRIDAY EVE., AUG. 5
5:30 P.M.

Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge.

ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION

CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. to 7:00 P.M.

Call us for pick-up service
IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254
CONDUCTORS ALL TYPES PUBLIC SALES

PUBLIC SALE

OF REAL ESTATE, HOUSEHOLD GOODS & TOOLS - SALISBURY TWP.

SATURDAY, AUGUST 6, 1983
Sale Time 10 A.M. Real Estate 2 P.M.
Car & Tractor 12 Noon
Located along Lynch Road (just off Rt. 897 across from Spring Gulch Campground approx. 4 miles North of White Horse) Salisbury Township, Lancaster Co., Pa.

1½ STORY DWELLING
1 CAR BLOCK GARAGE

Small spring fed stream at rear of property. Approx. ¾ acres. EXCELLENT COUNTRY SETTING.

3-Pc. Bedroom Suite; Marble Top Dresser; 2 Oak Dressers; Clothes Tree; Desk; Sofa Bed; VICTROLA VICTOR TALKING MACHINE; VICTOR TABLE MODEL PHONO WITH HORN; Cedar Chest; Arch Back Trunk; 36" Caloric Gas Range; Philco Refrigerator; Maytag Dryer; G.E. Sweepers; Sq. Tub Maytag Wringer Washer; Breakfast Set; Platform Rockers; Plank Bottom Chairs; Antique Cupboards; Coal Heatrola; Single Beds; Wardrobe; Portable Sewing Machine; Mantel Clocks; Slaw Board; Straight Razors & Straps; 2 Violins; Linens.

Depression Bowl; Pressed & Pattern Glass; Fruit & Flower Serving Dishes; Kerosene Lights; German China; Silverware; Iron Fry Pans; Baskets; Copper Wash Boiler; Crock & Jugs; Iron Kettle; Family Bible Library; Layman's Bible.

Full Line Carpenter Tools; No. 7 Bailey Plane; No. 5 Bailey Plane; Wooden Moulding & Block Planes; Stanley Mitre Saw; Hand Saw; Corner & Straight Chisels; Saw Filing Clamp & Setter; Bar & C Clamps; Levels; Double Sided Mortice Ax; Axes; B&D Sabre Saw; Drills; Slating Tools; Work Bench with Vise; Bench Vise; Spoke Shave; Blow Torch; Motors; Bench Grinder; Block & Tackles; Cement Tools; Pipe Cutter; Chains; Socket Set; Large Auger Bits; Tree Saw; Garden Tools; Scythe; Plastic Pipe.

FISHING EQUIPMENT — Deep Sea & Fresh Water Fishing Reels & Rods; nets; Tackle Box; Flies; Animal Traps; Berry Crates; Bushel Crates; Garden Tools.

Farmall Model A Tractor; International Cadet 75 Riding Mower; Hahn Rotary Power Mower; Garden Tractor; Ariens Rototiller; Lawn Sweeper & Carts; Lawn Roller; Trailer; Spring Harrow; Disc; Extension Step Ladders; Lumber.

16 Ga. Winchester model 12 Pump Shot Gun; Winchester .22 Ca. Rifle with Mosbury 4x Scope; Harrington Richardson 12 Ga. Single Barrel Hammer Shotgun.

1965 AMERICAN MOTOR RAMBLER Station Wagon with Over Drive, Good Condition.

Terms by:
LLOYD H. HOWE

T. Glenn Horst, Auct. 859-1331
Timothy G. Horst, Auct. 738-1245
Wentz & Weaver & Kling, Attys.

PUBLIC AUCTION AT GOODS AUCTION

111 N. Maple Ave.
Leola, Pa. 17540

Hay - Straw - Corn

Every Wed. at 12:00 Noon
Farm Machinery First and Third Wed. of Each Month. Starting at 9:00 AM on Tools and Hardware. 12:00 Lawn and Garden Equipment 1:00 on Farm Machinery

NOTICE
Nothing unloaded day of sale except machinery and large equipt. All small items must be brought in and sold off the trucks.

No Out of State Checks
Selling with 5 Auctioneers

Good's Auction

PUBLIC AUCTION

SATURDAY, AUG. 6
AT
10:30 A.M.
To be held at our place of business on the corners of Rt. 38 & 38B, Newark Valley, NY. (6 miles north of Owego, NY.; 20 minutes west of Binghamton).

PARTIAL LIST OF TRACTORS

JD 4020 WFE Sharp!; AC D15 PS w/loader; Oliver 1750; Farmall M, H; Case 800, 400, 430D; Ford 8N, 600; Ford 6000D WFE; Case DC4; Case 930; Major; AC G; Farmall 300, M; Case 970; Belarus 520 4WD w/can; Mini Mod Pulling Tractor w/Ford V8; 2-Ford 6000's; JD 40; MH 333; Oliver 1750; IH BN.

SPECIAL CONSIGNMENT OF OLDER & ANTIQUE TRACTORS

2-John Deere D; 2-AR's; BR; H; LA w/tools; M w/tools; Model A Ford Pull Tractor; Fordson Major Gas; Amish Family Carriage; McDeering: 1020, F-14; Rear set of Factory Steel w/ext. for JDGP; MM Bronco & Avery; Case D, RC Tractor & LA Power Unit; Silver King (Parts); McDeering 1020 (Parts); Gas Engines, Corn Sheller & Hammermill; Antique Cement Mixer w/gas Engine.

CONSTRUCTION

Ford (Koehring) Rough Terrain Forklift; AC D Grader (Sharp); Case 580B w/cab & Extendahoe; Dynahoe 160 Loader Backhoe; Case 450 Dozer; IHC 3414 Loader (Parts); MF 40 w/loader 3 Pt. & PTO; Misc Blades, Post Hole Diggers, Etc...

EQUIPMENT

2 Axle Combine Trailer; White/Oliver 7300 Combine Diesel, Cab, 4Row Corn & Grainhead; NH 36 Crop Chopper; White 3X Semi MTD Plow; Woods 7' Pull Rotary Cutter; Misc New & Used Rotary & Flail Mowers, Rear Blades, Post Hole Diggers; Haybines, Balers, Loaders, Picker; Wagons; JD Garden Tractor & others; Golf Cart, Go-Kart; Tractor Cab; Hay Conditioners; Tractor Tires; Spreaders; Motorcycle; Tractor Wide Front Ends; Weights; etc....

CONSIGNMENTS WELCOME!

This is a partial list: Much more coming in daily from Farmers, Dealers, Etc. Plan on all day sale. We welcome your consignments for our Antique Row; Should be interesting.

Terms: Cash or Good Check Day of Sale

Note: Local Equipment Dealer Cleaning out his sheds, there will be pallets of New & Used Implement Parts & Tires, Plus Toplinks, Drawbars, PTO Shafts, Etc.

Sale Managed By:

GOODRICH AUCTION SERVICE
(607) 642-8688 or 8519
Rt. 38 & 38B
Newark Valley, N.Y. 13811

Auctioneers & Ringmen
Ed Goodrich Jr.
Jack Hussey
Tom Hamulecki
Others

Items Subject To Change Due To Daily Business

Lunch Available
Trucking Available

PUBLIC SALE

OF REAL ESTATE

(1½ Story Frame House
w/1 Story Frame Garage & Utility Shed)

ANTIQUES & HOUSEHOLD GOODS

SAT. AUGUST 6, 1983

at 9:00 A.M.

Loc. at 11 W. Kendig Rd., village of Willow Street, West Lampeter Twp., Lanc. Co., PA (take rt. 272 south of Lanc. to Willow Valley; *continue on* rt. 272 south to the second intersection (Kendig Rd.) turn left to sale)

Real Estate is 1½ story frame 8 room & full bath house w/asbestos siding. Contents: kitchen, laundry, dining rm., living rm., 2 bedrooms & bath on 1st floor; 2 lg. bedrooms & storage on 2nd floor. Full cement basement. Also: 1 story frame 2 car garage w/attached frame utility shed. Lot size: 49' frontage by 287' depth more or less. Property will be open for inspection Sat's. July 23 & 30 from 10:00 a.m. until 12 noon. Real Estate to be sold at 2:00 p.m. Frig. refrig., Kelv. elec. stove, Whirlpool auto. washer & dryer, Fedders win. air cond. Furniture in: walnut, pine, plank bottom, Empire, Oak, mahg., metal, etc. Picture frames & mirrors. Carriage raboe, quilts, horse blankets. Lamps, crocks, jugs, baskets, Articles in: iron, brass, wood, & tin. Glassware & China in: pressed, carnival, Japan., cut, German, pink dep., ironstone, English, milk glass, etc.

Other misc. articles not listed. Food served. Not responsible for accidents day of sale. No out of state checks. Sale of riding mower, hand & garden tools, glassware & china, pots & pans to be held on Thurs. Aug. 4, 1983 at 10:00 A.M. same location.

Sale by

HATTIE LANDIS ESTATE

(Mrs. Daniel H. Landis)

Carl A. Wiker, Atty.
Howard Shaub, Auctioneer
Roy C. Probst
464-3541

BROWN COMPLETE DISPERSAL

Located on State Rd., 3 miles from Middlebury Center, Pa., 10 miles from Wellsboro, Pa. Watch for auction arrows off Rt. 287 in Middlelbury Center.

TUES., AUG. 2

at 10:00 Sharp

96—HOLSTEIN CATTLE—96

Herd consists of 37 mature cows, 9 bred hfrs., due in Aug.; other bred hfrs., 15 open hfrs., 14 started calves & 2 stock bulls. Interstate tested, preg. ex., Charts day of sale.

MACHINERY

I.H.C. 826 diesel tractor w/cab & wide front; I.H.C. 674 diesel tractor w/loader; H Farmall tractor; I.H.C. 500 dozer; N.H. 1469 self propelled haybine w/cab; I.H.C. 82 Combine w/bin; N.H. 718 Chopper w/2 row corn & pickup heads & sharpener; I.H.C. 241 round baler; I.H.C. 2 row corn picker; 2 Grove self-unloading boxes; I.H.C 440 baler w/kicker; AC 829 haybine; N.H. 354 grinder mixer; I.H.C. 4 row corn planter; I.H.C. 315 cultipacker harrow; N.H. 256 side rake; 2-300 gravity boxes & gears; 2 hay wagons w/kicker racks; I.H.C. 56 hopper blower; J.D. 300 hay elev.; N.H. barrell spreader; I.H.C. 540 4-bottom semi-mount plows; I.H.C. transport harrows; Lowboy trailer 16' w/tri axle; & a few other pieces of equipment not listed. No small items so be on time.

Selling order real estate at 10:00 sharp, machinery at 10:30, cattle at approx. 12:00. Must start at 10:00 sharp with this large sale, see you Tues., Aug. 2.

REAL ESTATE

Also selling, if not sold prior to sale; the same parcels of land & buildings, of Ralph G. Brown, RD 2 Middlebury Township as listed in July 6 edition of the Wellsboro Gazette under Public Notice and other papers. For further information contact Robert T. Wood, Real Estaters of Mansfield, PA. 662-2138.

Terms-Cash or good check.

Owner

RALPH G. BROWN

Sales Manager-Gordon Wood
Mansfield, Pa.
Phone 717-549-4901

Sale Under Cover
Lunch Available

For the most in advertising coverage and preparing your sale. Call Wood's Auction Service.

Public Auction Register

Closing Date - Monday, 5 00 P M
of each week's publication

FRI AUG 19 6 30 PM Consignment Sale of Feeder Pigs and Feeder Cattle Held at Keister s Middleburg Auction Sales Inc , Rt 522, 3 mi east of Middleburg, 5 mi west of Selinsgrove, PA

FRI AUG 19 9 AM Public Auction of Power Line Equipment Located at S&S Line Construction, corner of Dennis Ave and Kansas St in Olathe, KS Vilsmeier Auction Co , Inc

SAT AUG 20 9 AM Public Auction of Farm, Lawn and Garden Equipment and Household Goods Located at the Leesport Auction Grounds, Rt 61, north of Reading Berks Co Pomona Grange 15th Annual Community Sale / Auctioneers

SAT AUG 20 Public Auction of Furniture, Quilts Groceries, Sporting Goods and Dry Goods Located at 211 E Main St , Leola PA Eighth Annual Barevile Fire Co sale

SAT AUG 20 9 30 AM Public Auction of Real Estate Full Line of Carpenter and Cement Tools Plumbing Tools and Building Supplies and Materials Located in Schuylkill Co PA Washington Twp , 5 mi east of Pine Grove, on Rt 895 Raymond S and Ruth Hurst, Owners Steve Petersheim Auctioneer

SAT AUG 20 9 30 AM Public Auction of Bucket Trucks, Digger Trucks and Vehicles Located at Central Hudson Gas and Elec Corp s Eltings Corner Garage, just off Rt 299 on South Ave , approx 1 mi from exit 18 New Paltz Exit of NY Thruway which is Rt 87 Vilsmeier Auction Co Inc

SAT AUG 20 7 PM Public Auction of Swine Located in Taneytown, MD Franklin Feeser

SAT AUG 20 10 AM Public Auction of Equipment Located on Rt 87 Chestnut Hill, Columbia CT Maple Grove Auction Co

SAT AUG 20 11 AM Public Auction of Real Estate Located on the northside of PA Rt 467 approx 3 mi west of the village of LeRaysville, Bradford Co , PA Uteen M Funk, Owner Sanford A Alderter, Inc Auctioneers

TUES AUG 23 7 PM Public Auction of 50 Registered Holsteins Located in Centre Hall PA Central Mifflin Holstein Progress Sale Roger Green, Sale Chairman

WED AUG 24 6 PM Public Auction of Boars Located at PA Dept of Agric Meat Animal Evaluation Center 651 Fox Hollow Rd , State College, PA 16801

THURS AUG 25 10 AM Public Auction of Farm Equipment Located at Everetts Corner, Rt 44 and 300, 6 mi east of Sudlersville, MD, 12 mi west of Smyrna, DE C J Scuse and Sons and Marvel Everett Auctioneers

FRI AUG 26 7 PM Public Auction of Cattle Located at Penns Valley Livestock Auction Centre Hall PA Ron Gilligan *Auctioneer*

FRI AUG 26 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge. Ira Stoltzfus & Son, Auctioneers

FRI AND SAT AUG 26 and 27 10 AM Public Auction of Antiques Household Goods Old Tools, Iron, Tin, Brass and Farm Articles Located along Leike Rd RD 2, Parkesburg, Chester Co , PA, take Rt 30 about 16 mi east of Lancaster to Rt 10, turn right go about 1 mi to Leike Rd turn right to sale Mr and Mrs Joseph Kepiro Owner Howard Shaub and Roy C Probst, Auctioneers

LARGE CLEAN OUT

PUBLIC SALE

REAL NICE YORK COUNTY FARM OF 131 ACRES & 102 PERCH FARM EQUIPMENT & 80 YEARS OF UNTOUCHED HOUSEHOLD, GUNS, ETC.

SAT., SEPTEMBER 3, 1983

at 9:00 A.M. SHARP

1:00 P.M. - REAL ESTATE - 1:00 P.M.

Due to health will sell, at Public Sale, on the premises, located 7 miles west of York on Route #74. At Dover square and traffic light turn west 1 mile to Salem Strayer Church and turn North onto N. Salem Church Road 1½ miles in Dover Township, York County, PA.

Real Estate only may be inspected by using the above directions and contacting owner on premises or contact auctioneer at 717-677-7479 for details.

TERMS: 15% when stricken down by cash, travelers, certified or bank letter of credit. Balance in 30 days with full possession. Other terms and condition will be announced day of sale.

Not responsible for accidents time of sale.

Owner,

GEORGE F. RODGERS

5631 N. Salem Church Rd.
Dover, PA

CLAIR R. SLAYBAUGH, AUCTIONEER
IDAVILLE, PA
PHONE: 717-677-7479

FULL AD WILL APPEAR
WEEK OF AUG. 15 & 22

LARGE TWO DAY SALE

OF FARM EQUIPMENT

at our place of business located six miles south of Chambersburg, Pa., one mile east of Marion, just east off Rte. 81 at Marion Exit No. 4 along Rte. 914 on

THURSDAY, AUGUST 11
FRIDAY, AUGUST 12

Sales at 9:00 A.M. Each Day

SELLING THURSDAY
ABOUT 100 TRACTORS
TRUCKS, LAWN TRACTORS, ETC.

Usual run of tractors inc. John Deere, Int., Massey Ferguson, Fords, Case, Oliver, A.C. and others, some with loaders, Skid loaders and Ind. equipt. expected, trucks, lawn and garden tractors, chain saws, hardware, posts, tires and usual run of small items.

SELLING FRIDAY
FARM EQUIPMENT
BAL. OF MISC. ITEMS

Combines; one and two row pickers and harvesters; Balers; Haybines; Mowers; Rakes; Elevators; Wagons of all kinds; Flail Choppers; Blowers; Drills; Loaders; Sprayers; Plows; Chisel Plows; Disc Harrows; Packers; Spreaders; Post Diggers; Rotary Mowers; Blades; Tires and bal. of small items.

ATTENTION FARMERS & DEALERS - Bring in your equipt. for this sale. Next Sale Thursday, September 8, 1983. We cannot accept equipt. with liens unless we are notified in advance. If planning a sale we offer complete management.

Open daily 8 a.m. till 5 p.m. - Sat. till 3 p.m. - Closed Sunday.

Terms: Cash or Good Check.
Lunch and Breakfast available.

RALPH W. HORST, Manager
Marion, Pa. 17235 Phone 717-375-2824
Rentzel, Wolgemuth, Bohrer, Upperman, Speicher, Harry, Gossert - Auctioneers

ABRAM S. & MABLE BRANDT'S

PUBLIC SALE

OF H.H. GOODS & TOOLS

SATURDAY, AUGUST 6, 1983

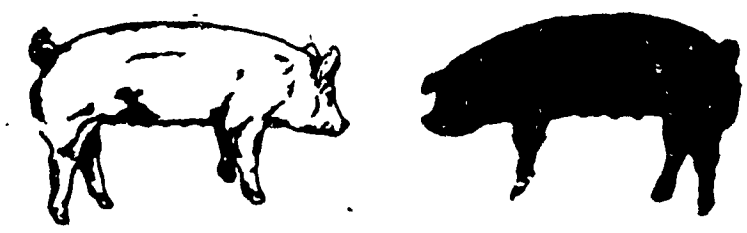
at 10 A.M.

Located: 127 West High St.
Manheim, Pa.

New Toro S-200 snow blower, New lawn mower, New 3-wh Bike, elec. chain saw, jig saw, ex., step, & alum. ladders, wall paper kit w/tables, shop vac, etc. Tools in excellent cond. GE Refrig. - Freezer - Range. Duncan Pyfe table, Amana Microwave oven, 5-pc. Oak bedroom suite, old kit cabinet base w/wooden bins, only partial listing.

Terms by
Allen S. Brandt & Grace Maurer POA
C.H. WOLGEMUTH & H. SHAFFNER
AUCTS. PH. 665-5664

ARNOLD'S 28TH HOG SALE



70 BRED GILTS

42 Registered Yorkshire, 15 Registered Duroc
7 Registered Landrace, 6 Crossbred
These gilts have all been hand mated.
Due to farrow Aug. 24 thru Oct. 22
58 Gilts farrowed on our farms.
1982 farrowed 11.02 wean 10.12.

BOARS (Seven to eight months old)

Feed Efficiency & Test Station Information
25 YORKSHIRE — 15 DUROC

OPEN GILTS (Ready to breed)

YORKSHIRE, CROSSBRED, DUROC

Soundness and production are top priorities in our breeding program. Our Yorkshire herd is unsurpassed in production per sow for herds this size. Our animals have done well in test stations. Pennsylvania's 1st Superior Certified Duroc Meat Sire came from our herd. We also had the top indexing boar over all breeds, Pa. State 1979 "Hustle" and the top boar in Delaware 1980 (Explorer).

All animals vaccinated for Erysipelas & Lepto & Rhinitis. Validated Brucellosis & Pseudorabies Free herds.

Auctioneer: Harry Bachman, Annville, PA

Friday Evening

August 19, 1983, 6:00 P.M.

SALE TO BE HELD AT THE

Lebanon Area Fairgrounds

(CORNWALL & EVERGREEN ROADS, 1½ MILES SOUTH OF)

Lebanon, PA

CALL OR WRITE

Yorkshires Landrace
Leon L. Arnold, R.D. 7, Box 705
Lebanon, PA 17042
717-273-5880

Durocs
Lawrence Arnold, R.D 1, Box 309
Womelsdorf, PA 19567
717-272-9827 — 717-933-8153

CATALOGUES AVAILABLE AUGUST 9th
NEXT SALE NOVEMBER 4, 1983

Public Auction Register

Closing Date Monday 5 00 P M
of each week's publication

FRI AUG 26 7 PM Public Auction of Cattle Located at the Lebanon Area Fairgrounds, Lebanon, PA Lebanon County Holstein Club, Sponsors Harry Bachman, Auctioneer

FRI EVE AUG 26 7 PM New Holland Sales Stables, Inc, Annual Holstein Promotional Sale, to be held at the Sales Stables, located 12 miles east of Lancaster off Rt 23 at New Holland, Pa For more information contact Abe Dittenbach, Manager

FRI AUG 26 7 PM Public Auction of 150 Head of Registered Select Cows and Heifers Located at New Holland Sales Stables Holstein Promotion Sale

SAT AUG 27 11 AM Public Auction of Horses Located at Keister s Middleburg Auction Sales, Inc, Rt. 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

SAT AUG 27 9 AM Public Auction of Real Estate, Household Goods, Antiques and Etc Located in Stricklertown, Leb Co at the foot of the mountain Louella Lyons, Joanne Sherman and Bernice Torre, Owners Weik and Copenhaver, Auctioneers

SAT AUG 27 11 AM Public Auction of Like New Farm Equipment Located on Rt 179, 2 mi north of Lambertville, NJ 2½ mi north of New Hope PA Windaway Farm Leroy Stout Estate, Owner Col Fred R Daniel, Auctioneer

SUN AUG 28 1 PM Public Auction of Cattle Located at the farm near Woodsboro, MD Dr and Mrs Lee E Miller, Owners Mike Jones, Auctioneer

TUES AUG 30 7 PM Public Auction of Swine Located at the farm, Larry Leffel, New Knoxville, Ohio 419-753-2281

WED AUGUST 31 1 PM PA Classic Ayrshire Sale, Guernsey Sale Barn, Lancaster, PA, Milt Brubaker, Sale Manager

SEPTEMBER

THURS SEPT 1 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

FRI SEPT 2 9 AM Public Auction of Machinery Located at the Belleville Livestock Market, Belleville, PA

FRI SEPT 2 Shade Acres Production Sale of 50 Head of Registered Holstein Located in Alexandria, Huntingdon Co, PA Klings Auction Service

SAT SEPT 3 12 30 PM Public Auction of Sheep Located at PA Dept of Agric Meat Animal Evaluation Center, 651 Fox Hollow Rd, State College, PA

SAT SEPT 3 9 AM Public Auction of Real Estate Located 7 mi west of York on Rt 74 at Dover square and traffic light turn west 1 mi to Salem Strayer Church and turn north onto N Salem Church Rd, 1½ mi in Dover Twp, York Co, PA George F Rodgers Owner Clair R Slaybaugh, Auctioneer

SAT SEPT 3 10 AM Public Auction of Real Estate, Machinery, Household Goods and Guns Located in Conowingo, MD 5 mi north of MD line from Rt 1 along Rt 222 or 8 mi. south of Wakefield, PA along Rt 222, Cecil Co, east on Ragan Rd Estate of Roman A Krause Sr Kreider and Kline, Auctioneers

FRI SEPT 9 9 AM Public Fall Community Auction Located at Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auctioneer

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AUCTION SALE

OF CONSTRUCTION EQUIPMENT TRUCKS, TOOLS, TIRES, ETC.

The undersigned John Spidle Excavating is going out of business and will sell following at our place of business located one mile west of Shippensburg, Franklin Co., Pa., along Rte. 533, Shippensburg to Orrstown Rd., on

SATURDAY, AUGUST 6, 1983

Sale at 9:30 A.M.

CONSTRUCTION & EXCAVATING EQUIPMENT

John Deere 755 crawler loader, cab, low hours, Serial No. 266982; Cat. 951 loader, cab, S.N. 86J840; John Deere 500 Series A backhoe with rops, S.N. 150169; Case 450 dozer with 6-way blade, low hours; Int. 500 dozer with 6-way blade; Huber 10 ton roller; Huber 5 ton wet or dry roller; Galion 5 - 7 ton wet or dry asphalt roller; Worthington air compressor; Gauger air compressor; truck mounted air compressor; asphalt paver drag box; dynamite mats; dynamite storage boxes; dynamite transport boxes; air hose; 3 jack hammers; air drills and tampers; 3 gas tampers; black top wacker; 1 - 4 in. and 2 - 2 in. water pumps; portable power plant; 2 Temple stone spreaders; paving tools; fuel tanks and pumps; road work signs.

TRUCKS, TRAILERS OFFICE TRAILER

1979 Chev. 33000 dump; 1973, 33000 dump with air; 1973 Chev 26000 dump; 1971 Brockway tri-axle with 18 ft. alum box; 1970 Int. tandem axle with 18 ft. alum. box; 1970 Chev. tandem with 12 ft. steel dump; 1963 Mack B 61 - 33000 dup; 1970 White tractor; 35 ton tandem axle Lo-Boy trailer; 15 ton tilt top trailer; 12 ton tagalong trailer; 1976 Chev. 3 car roll back; 1971 Chev. wrecker with Homes 440 crane; 1969 Chev. 30 series flat bed; 1973 Chev. ½ ton service truck; 1970 Chev. ½ ton service truck; DeRose office trailer with air cond., bath, in good condition.

SHOP & OFFICE EQUIP. TOOLS, TIRES, ETC.

All office equipt., including photo-copy machine; 250 amp. shop welder; ½ to ¾ air wrenches; electric garage lift; hyd. motor hoist; electronic tune-up equip.; electronic engine analyzer; elec. ignition testing equipt.; body grinders; paint spray guns; 4 ton Porta Powers; air operated tire changer; battery chargers; greasing equipt.; hyd. and other jacks; elec. drills; truck tool boxes; assorted bolts and bins; assorted hoses; trouble lights; wheel balancers; ext. and step ladders; load binders; wheel barrows; large drill press; hyd. press; transits; log chains; sledge hammers; picks, shovels; lot of misc. tools, large amount of new truck and auto tires, used tires and many other items.

PLEASE NOTE – Above equipt. is in good condition and ready to go to work.

TERMS – Cash or good check; bank letter of credit for out of state buyers. Identification required for bidder's numbers.

Lunch Available

Owner
JOHN SPIDLE EXCAVATING
1065 Orrstown Rd.
Shippensburg, Pa. 17257
Phone: (717) 532-5862

Ralph W. Horst
Marion, Pa.
Auctioneer

Cigar Factory to sell at

ABSOLUTE AUCTION

FRIDAY, AUGUST 5, 1983

1:00 p.m.

91 West Main Street, Windsor, PA

Buy this solid brick 4-story building with 4,720 sq. ft. on each floor. Concrete first floor, balance of floors 2x12 oak joists. Heavy duty wiring, gas furnace, elevator. Vacant lot in rear. Building is ideal for apartments, condos, specialty shops, offices, light manufacturing, storage.

This is an absolute auction. 10% down on day of sale, balance in 30 days at settlement.

Open for inspection Saturday July 23, noon to 2:00 p.m. or call auctioneer for appointment.

Seller:
HOUSE OF WINDSOR, INC.

Auctioneer: Dale R. Peters
757-7811

COLDWELL BANKER

BOB YOST, INC.
2525 Eastern Blvd.
York, PA 17402

PUBLIC AUCTION

Rain or Shine

SATURDAY., AUG. 6

10 A.M. "SHARP"

Beach Haven, Pa., 4 miles north of Berwick, Pa., US Route 11 Turn at Suzuki Valley Store. 1½ miles to Auction. Watch for Auction Signs.

FARM MACHINERY AND EQUIPMENT TOOLS-1940'S LIONEL TRAIN-HOUSEHOLD-"SCRAP"

John Deere 520 Tractor, P.S. 3-P-T-H-Live Hyd (good); John Deere 14' Baler with Kicker (good); John Deere Cultivator for B; John Deere-Van Buren 11-hole Grain Drill on iron (good); John Deere Flail Chopper Mod. 15-A; John Deere Side Delivery, on rubber; John Deere 45 Loader; Dirt Bucket & Manure Bucket; Butchering Tools; Large Old Lead Ladle; Large Anvil; 8" Endless Belt; Tool Boxes; Hay Fork; Cam Hooks; Hand Cradle; Grindstone with Seat & Pedals; Hand Auger; Dickson-Oak Pot Belly Stove; Wheelbarrow Seeder; Plastic Barrels & Pipe; Case 870 Agri-King, 75 H.P. (good); Case 310 Dozer-Loader, gas engine (good); Case 555 9' Haybinder; A.J. 2 H.P. Milker Pump; Esco 200 gal. Stainless Steel Bulk Tank & Compressor (good); Double Bowl Stainless Sink (good); Stainless Bucket & Strainer; Other Buckets; 32" Aron Riding Mower (good); Fox Silage Blower with 30' of pipe; Tractor Bucksaw; Gutter Chain; Water Bowls; Dump Trailer (needs bed); Case 2-Row Planter with International Bottoms; Hog Wire; 1939 Farmall-A-Crank; 275 gal. Oil Tank; 4-cyc. Briggs & Stratton Engine; Shop Vac; Rupp 30 Street-Dirt Bike (good); Bicycles; Elec. Fencer; Many good Piles of Rough Lumber-15 Ton. Good Orchard Grass.

Calf Box for pickup truck; 9' Pittsburgh Transfer Disk (good0; John Deere Mower-No. 10 6 ft. 3 P.H. Rear Blade; Case 4-16-4 Bot. 3 P.H. Plows; 4-section Drag Harrow; Homemade Lowboy; 3 Feed Carts (good); Snow Fence; 14 ft. Hay Wagon-New Idea-Hay & Grain, 4 ft. sides (good); New Idea Manure Spreader, P.T.O. (good); Manure Gutter Cleaner; International 15' Silage Chopper; 200 gal. Trailer Sprayer (good); Grimm Hay Tedder; 15' Hay Wagon with Case Chassies (good); Old Platform Scales; 24' Bale Elevator (good); Ford 1-row Corn Picker on homemade frame; 24' Grain Elevator; 4 ft. Fan-Hay Drying; 8' Cultipacker; Lionel Train from the 40's-Coal Car, Caboose, Box Cars, Track, Train Signals, Engine Side No. 2020 Smoker (good); Enterprise Meat Grinder-also Sausage Stuffer; Picnic Table; Air Conditioner; G.I. Joe Toys; 48# Bow; Yard Items; Wood Lawn Chairs; Old Piano Bench; Canvas Porch Awnings; Toy Trucks; Ping Pong Table (good).

Kitchen Sink; Cabinets; Old Doors; Mouldings; Windows; 15 Packs of Foam Insulation-16'x4x¾ thick.

MANY ITEMS TOO NUMEROUS TO MENTION

Statements made day of sale take precedence over previously written material

Owner or Auctioneers Not Responsible for Accidents.

Sale Terms-Cash

Seller
MELVIN COPE

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717-752-4214-Box 187, Mifflinville, PA. 18631

Dan Nevius 717-752-4214
Olen Knecht 717-683-5955

Clerk-Jay Leiby
LUNCH-YES

If you're looking for Farm Machinery or Equipment, this is a Good One, Folks! Don't miss it.

NOTE: "Most Items in Very Good Condition"

COME EARLY — WE MOVE FAST!
Give Us a Call-We Do It All!

22nd ANNUAL NIAGARA FRONTIER REGISTERED JERSEY SALE

SATURDAY, AUGUST 6, 1983

at 12:30 P.M.
At Highland Farms on Fox Rd. off Rt. 19, Wyoming, NY

Selling top pedigreed registered jersey cattle. Featuring 30 fresh young cows and spring heifers.

Pedigrees include Vermonter Star General EHV Noble Soldier Boy Jeweler Magic of Ogston & Fascinator Breeding. Records are to 20,000 lbs. milk. Several cow families with high indexes and sons as AI studs. The consignors this year have given their best, the result is opportunity for you

For catalogs or information contact co-chairman David Chamberlain, Wyoming, NY, phone 716-195-6552 and co-chairman Bill Meeder, Warsaw, NY, phone 716-786-2304.

WM. KENT, INC.
Sale Manager & Auctioneer
Bergen, NY
Phone 716-494-1890

PUBLIC AUCTION

OF

MEAT EQUIPMENT-
STORE EQUIPMENT-
GROCERIES

SATURDAY, AUG. 6, 1983

9:00 A.M.

Location: Cumberland Co., Pa. 1 mile north of Shippensburg along Rt. 11.

Due to changes being made in the market, the following items will be offered:

MEAT EQUIPMENT

Tyler 24' double service meat case with gravity evaporator coil and Copeland 1½ hp compressor; Model 5216 large Hobart meat saw, single phase; Toledo meat grinder with 3 hp motor; Biro steak tenderizer; U.S. Berkel automatic meat slicer; 3 cutting S.S. tables with poly tops, 1-2'x8', 1-2½'x8', 1- 2½'x6' with back shield; 1 S.S. poly top chopping block table; Marker Forge S.S. pressure cooker with large S.S. cooker kettle; lug and tray rack; meat track roller with hooks; double tub S.S. sink; Ply hand sink; 7½ hp Copeland weather hood 502 3 phase compressor, good condition; Hobart computer meat scale; other small items for meat use.

STORE EQUIPMENT

5 N.C.R. cash registers; Vulcan electric oven & grill; 5' refrig. dairy display case; Barbecue King display case; shelving by the row including gondola shelving; check out counter; cash register stand; 3 4 door upright Warren Sherer refrig. cases; some shopping carts; boys & girls work and dress shoes; other items not mentioned.

GROCERIES

Large Stock will be offered over auction.

Most of this equip. is in operating use. Inspection of this equip. by appointments. Call 717-532-5511.

Terms By:
LEINBACH FARM MARKET
SHIPPENSBURG, Pa.
Ph. 532-5511

Auctioneers:
Melvin Sensenig 717-776-5054
Lamar Sensenig 717-532-9160

Refreshments Served
Not responsible for Accidents

Public Auction Register

Closing Date Monday, 5 00 P M
of each week s publication

FRI SEPT 9 - 5.30 PM Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

THURS. SEPT. 15 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD

FRI. SEPT. 16 - 7 PM Church of the Brethren Disaster Relief Heifer Auction Located at the Lebanon Co Fairgrounds Chair, Kreider, Mgr.

FRI AND SAT SEPT. 16 and 17 - 7th Annual Disaster Relief Auction and Heifer Sale Located at the Lebanon Area Fairgrounds Church of the Brethren Atlantic Northeast Distrtict. Mark and Marty Hershey, Sale Chairman. 717-626 5067

FRI. SEPT. 16 5:30 PM Gap Auction Antiques and Household Goods sold at every auction. Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

FRI. SEPT 16 7 30 PM Public Auction of Registered Holstein Heifers Located 2 mi. south of Atglen on Old Route 41, Chester Co., PA Benefit West Fallowfield Christian School. Kurtz, Petersheim and Stoltzfus, Auctioneers.

FRI SEPT 16 6.30 PM Consignment Sale of Feeder Pigs and Feeder Cattle Held at Keister's Middleburg Auction Sales Inc., Rt 522, 3 mi. east of Middleburg, 5 mi west of Selinsgrove, PA

SAT SEPT 17 10 AM Public Country Auction Located 2 mi south of Atglen on Old Rt 41 Benefit West Fallowfield Christian School Kurtz, Petersheim and Stoltzfus, Auctioneers.

FRI SEPT. 23 1.30 PM Public Auction of Cattle. Located at Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auctioneer.

FRI SEPT. 23 - 5 30 PM Gap Auction. Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI. SEPT 23 7 PM Public Auction of Registered Herd Dispersal Located at New Holland Sales Stables Lloyd H Martin, Owner

SAT SEPT 24 - 11 AM Public Auction of Horses Located at Keister s Middleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers.

SAT SEPT 24 11 AM Public Auction of Real Estate, Truck, Farm and Garden Equipment, Antiques, Tools and Household Goods Located ¾ mile west of Intercourse in Leacock Twp., Lanc Co , PA, along Rt 340 Emanuel F Lapp, Owner Steve Petersheim, Auctionee

SAT. SEPT 24 Public Auction of 103 Acre Steer, Pig and Tobacco Farm Located west of 501, approx 3 mi. south of Myerstown, Leb Co Emma Martin, Owner G Harvey Weik, Auctioneer

TUES SEPT 27 - Public Auction of Complete Dairy Herd Dispersal of 50 Head of Holsteins. Located at RD 1, Newburg, Cumberland Co., PA David S Miller, Owner. Kling's Auction Service

FRI. SEPT. 30 5.30 PM Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

OCTOBER

WED OCT 5 - 12 Noon Show 9 30 Annual Dairy Cow Show and Auction along w/Regular Wed sale Located at the Belleville Livestock Market, Belleville, PA

THURS OCT 6 Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

THURS OCT 6 3 PM New Holland Sale Stables 4 H Steer Sale to be held at Sales Stables, Inc., 12 miles east of Lancaster off Rt 23 at New Holland, Pa Abe Diffenbach, Manager.

SAT OCT. 8 - 10 AM New Holland Sales Stables Annual Fall Heifer Special to be held at Sales Stables, located 12 miles east of Lancaster off Rt 23 at New Holland, Pa Abe Diffenbach, Manager

SAT OCT 8 10 AM Public Auction of 500 Grade and Purebred Heifers, all ages, purebreds sell at 12 Noon Located at New Holland Sales Stables Special Heifers Sale

SAT OCT 8 10 30 AM Public Auction of Farm Machinery and Related Items Located 6 mi south of Richfield off Rt 104 Elwood C Flowers, Owner Bryan D. Imes, Auctioneer.

SAT OCT 15 - 8 AM Public Auction of Construction Equipment, Trucks, Trailers and Etc Located in Camp Hill, PA Vilsmeier Auction Co , Inc.

THURS OCT. 20 - Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD

FRI. OCT. 21 - 7 PM Public Auction of State Grade Feeder Calf. Located at Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auctioneer

FRI OCT 21 - 6 30 PM Consignment Sale of Feeder Pigs and Feeder Cattle Held at Keister's Middleburg Auction Sales Inc , Rt 522, 3 mi east of Middleburg, 5 mi west of Selinsgrove, PA.

WED OCT 26 10 AM New Holland Sales Stables Annual Dairy Show and Sale to be held at Sales Stables, located 12 miles east of Lancaster off Rt. 23 at New Holland, Pa Abe Diffenbach, Manager

WED. OCT 26 11 AM Public Auction of 300 Head Cattle Located at New Holland Sales Stables Annual Cow Show and Sale, show at 9 AM

FRI OCT 28 - 1 30 PM Public Auction of Fall Dairy and Heifer Located at Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auctioneer

SAT OCT 29 - 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc., Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA. Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

NOVEMBER

FRI NOV 4 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

FRI. NOV 4 - 6 PM Public Auction of Bred Gilts and Boars. Located at the Lebanon Area Fairgrounds, Cornwall and Evergreen Rds , 1½ mile south of Lebanon, PA. Leon and Lawrence Arnold. Harry Bachman Auctioneer

FRI NOV 4 6 PM Public Auction of Fall Heifers, all sizes of Registered and Grade Located at the Belleville Livestock Market, Belleville, PA

FRI NOV. 11 - 9 AM Public Auction of Farm Equipment and Supplies to be held at New Holland Sales Stables, Inc., 12 miles east of Lancaster off Rt 23 at New Holland, Pa. Abe Diffenbach, Manager.

MON NOV. 12 3 P.M. Hubert Charolais Ranch Production Sale Located at the ranch, Monument, KS Managed by Garey Cattle Sales, Inc , 100 Walnut Lane, Morrisville, PA 19067

SAT NOV 12 1 PM Southeast District 4 H Steer and Lamb Sale to be held at New Holland Sales Stables, Inc , located 12 miles east of Lancaster off Rt 23 at New Holland, Pa Abe Diffenbach, Manager

THURS NOV 17 Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD

FRI NOV 18 6.30 PM Consignment Sale of Feeder Pigs and Feeder Cattle Held at Keister s Middleburg Auction Sales Inc , Rt 522, 3 mi east of Middleburg, 5 mi west of Selinsgrove, PA

FRI NOV 25 1.30 PM Public Auction of Cattle Located at Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auctioneer

SAT NOV 26 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi. west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers.

DECEMBER

FRI. DEC 2 - Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

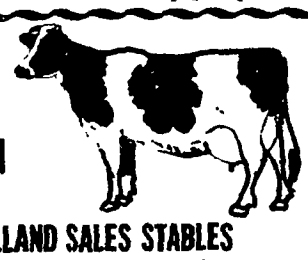
APRIL

SAT. APR. 21, 1984 18th Colonial Charolais Spring Sale. Located at Frederick Fairgrounds, Frederick, MD. Colonial Charolais Association Sponsors Garey Cattle Sales, Inc , 100 Walnut Lane, Morrisville, PA, Managers

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

SPECIAL HOLSTEIN PROMOTION SALE



NEW HOLLAND SALES STABLES
FRIDAY, AUGUST 26, 1983
At 7 P.M.

150 Head of Select Cows and First Calf Heifers. All fresh or close springing. Selected for good type and production. All cattle will be tested for interstate shipment.

Catalogs night of sale.
Free ice cream.

New Holland Sales Stables, Inc.
Abe Diffenbach
Barn phone 354-4341
Norman Kolb
397-5538

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P.M.
Horse Auction
2nd Saturday each month
1 P.M.
FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va.
703-364-1566

HOLSTEIN COW SALE!

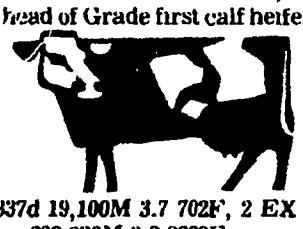
MEL KOLB, INC.

THURSDAY NIGHT
AUGUST 4th, 1983
at 7:30 P.M.

LOCATION: West of Lancaster on Dairy Road. Take Rt. 823 west of Lancaster, exit beyond ABC Stud Barns at Flory Mill Road, turn left after exiting, go to mill, then sharp right under railroad bridge. Barn is within sight of Rt. 283.

150 HEAD HIGHEST QUALITY HOLSTEINS 150 HEAD

This Sale will consist of 40 head of top quality Purebred cows, a select number classified VG with Ex records & pedigrees; 35 big, fancy Purebred first calf heifers, with dam records; 40 head of big strong Grade cows, some milking from 80 to 100 lbs. per day; and 35 head of Grade first calf heifers with a lot of quality and future promise. All are top cows selected from good herds!



SPECIAL MENTION
A VG-85 LAWCREST MARVEX 3 yr. old dau., due August 10, 1983 to COLUMBUS, her dam a MILU BETTY IVANHOE CHIEF dau., GP-84 as 2-1 315d 16,553M 3.6 596F, gr. dam EX-2E, a BRETT dau. as 5y 337d 19,100M 3.7 702F, 2 EX maternal sisters, gr. gr. dam VG-87 IVANHOE dau. GMD as 15-1 365d 28,938M 3.9 1127F, lifetime: 260,930M 3.8 9929F, gr. gr. gr. dam VG-87 GMD as 9-0 333d 19,257M 3.7 704F, her record 1-11 300d 14,104M 432F Inc., protein 3.1 440. At same time, selling her Gr. Dam EX-2E, born 7/24/74, due 10/26/83 to SPIRIT, see pedigree above, a brood cow foundation of "B" family. A 2 yr. old ROYBROOK STARLITE dau., bred to AMITY ACRES BLUEPRINT RANDALL from 10/13/83 to 11/13/82, from an EX dam as 7-4 305d 18,496M 3.5 656F. A 2 yr. old PLUSHANSKI PERSUADER dau., bred 10/20/82 to DREAMSTREET TEMPLATION-ET, from a VG dam as 4-9 302d 16,822M 3.4 580F, a maternal sister sold for $10,000.

FARMERS: If you need milk and cattle that will work for you, please stop in and take a look at our selection. Your inspection is always invited. There will be cows or heifers, Purebreds or Grades, to satisfy the most particular buyer! They are selected from the better herds in Wis., Maine, NH, MD, NY and PA. All are blood tested within 30 days and vaccinated for shipping fever and I.B.R.

FREE LUNCH FOR ALL DAIRY FARMERS

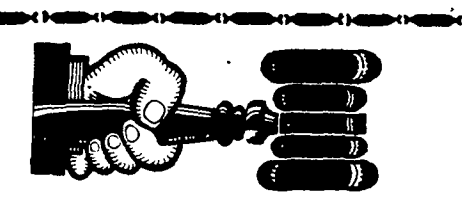
FREE TRANSPORTATION FOR LANC. COUNTY AMISH: Please call 569-2106 or 569-6800 for a ride to the sale.

MELVIN KOLB, Sale Manager
ROBERT C. MULLENDORE, Auctioneer
HENRY KETTERING, Pedigrees
MARVIN ESHLEMAN, Clerk

DOOR PRIZE: PUREBRED HEIFER CALF - Must be a buyer to be eligible and present to win.

PA FARM:
Dennis Kolb, Manager
MD FARM:
Thomas Miller, Manager

PRIVATE SALES DAILY!



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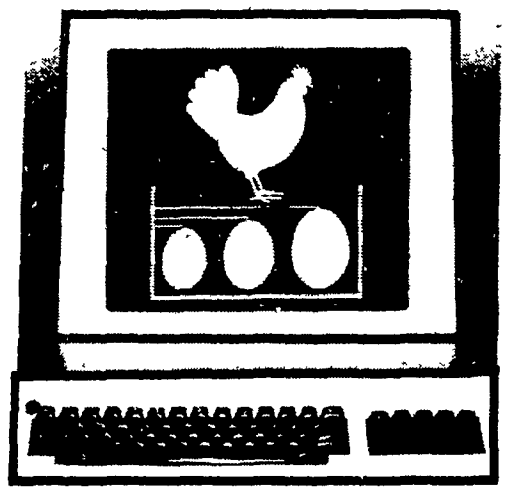


NOW YOU CAN CONTROL EGG SIZE TO IMPROVE PROFITS ®

PROGRAMS FOR PROFITS

Why control egg size.

Eggs are sold in the U.S. in a unique combination of very specific minimum egg weight classifications, but with a wide weight range within each class for which the same price per dozen is paid. Further, there is a strong consumer demand for eggs in the "Large" classification — a demand that does not match well the hen's biological capacity of producing that single egg size.

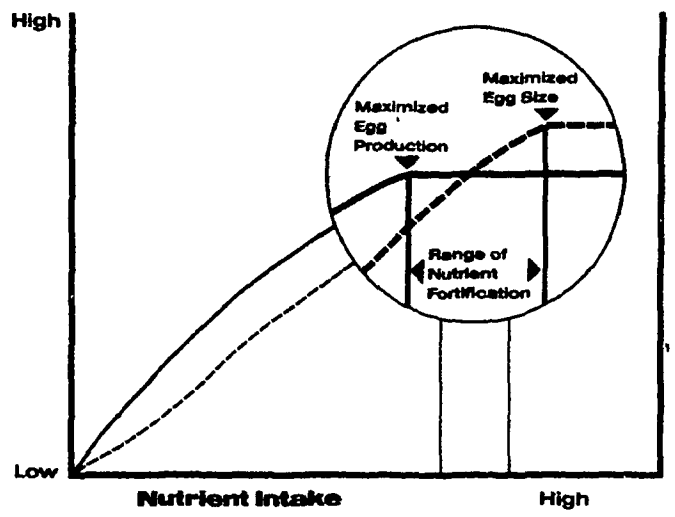
Even when hens are producing mostly eggs in the Large classification, you could be selling up to 13% more product by weight (the range from 24-27 ounces per dozen) and not receiving a cent more.

To maximize profits it is necessary to move eggs out of the Small and Medium classification to the Large size. Further, Extra Large and Jumbo classes should be avoided because of additional feed costs and egg breakage. Only if a large premium for the larger classes is paid (a rare situation) should these egg sizes intentionally be produced. Generally, minimizing egg weights to just over 24 ounces is most profitable.

How maximizing production while controlling size is possible.

Purina nutritionists have found the nutrient needs of hens are higher for maximum egg weight than for maximum egg production. Shifts in fortification can be made that will increase or decrease egg weights ½ lb./case while maximizing egg production.

Production rates increase until sufficient amino acids are consumed to allow hens to reach their maximum genetic egg production capacity. However, egg size continues to increase with further amino acid intakes until the genetic capacity



potential for maximum egg weight is finally achieved. This nutritional concept allows you to modify egg size, while maximizing production rates.

Nutritional accuracy

To regulate egg size without reducing production rates there must be very accurate ration formulation.

Accurate nutrient standards for today's high-producing hens must be set. The usable nutrients in ingredients must also be determined.

Some nutrients in all feed ingredients remain undigested and/or unavailable to the bird. The quantity of usable nutrients depends upon the ingredient, processing methods and other factors. Obviously, it is critical to accurately know the amount of usable nutrients there are in any feedstuff.

To increase the accuracy of Purina's knowledge of biological availability, new techniques were implemented. These new techniques, developed by Canadian researchers, were refined by Purina Research. These new procedures developed during the past five years give True Metabolizable Energy (TME) and True Amino Acid Availability (TAAA) values.

True metabolizable energy system is an important breakthrough for ration formulation. It is the best indicator of the energy that is truly usable by the pullet or hen. It is a very rapid system which permitted Purina to reevaluate every feedstuff used in Accu-Line rations. This means that Purina energy values accurately reflect the usable energy in the ingredients Purina uses to manufacture Accu-Line rations.

Other feed companies continue to formulate rations using published tables for various feed ingredients. These may not accurately reflect current values.

Purina places great emphasis on accurate energy values. Energy is used in all body functions and egg production. It also governs how much hens will eat. When energy requirements are met, birds will stop eating — whether or not they have consumed enough amino acids, minerals and vitamins for maximum performance.

Having accurate energy values is the foundation of precise ration formulation. If the actual energy value is different from the theoretical energy value used in formulation, one of two things will happen:

1. Performance will be reduced because of underfortification of amino acids, vitamins and minerals.
2. Added costs result from an excess amount of these same nutrients that were added to balance an incorrect energy level.

True available amino acid values are equally important. The more accurate Purina knowledge of the usable amino acids in the feed ingredients, the more accurately they can be balanced to the usable energy in the feed.

As a result of these new values, Purina Accu-Line Laying rations can be made from the most efficient combination of ingredients available. The rations accurately supply the hen's daily nutritional needs at the best value possible to Purina customers.

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